

October 31, 2022

Via Email/Sharefile

Mr. Sameh Abdellatif Hazardous Waste Programs Branch US Environmental Protection Agency Region 2 290 Broadway, 22nd Floor New York, New York 10007-1866

Re: Third Quarter 2022 Progress Report

Hess Corporation – Former Port Reading Complex (HC-PR)

750 Cliff Road

Port Reading, Middlesex County, New Jersey

EPA ID No. NJD045445483

NJPDES Permit NJ0028878 & NJ0102709

Dear Mr. Abdellatif:

Enclosed please find the Third Quarter 2022 Progress Report for the above referenced site. This report was prepared by Earth Systems, Inc. on behalf of Hess Corporation. As required by Module II (D) of the Hazardous and Solid Waste Amendments (HSWA) Permit number NJD045445483, the enclosed report presents activities associated with the Solid Waste Management Units (SWMUs), including the North Landfarm, South Landfarm, and No. 1 Landfarm, all of the Areas of Concern (AOCs), Historic Spills (HSs), and Remediation Management Units (RMUs) identified at the Hess Corporation- Former Port Reading Complex.

Should you have any questions or comments relating to this report, please call me at 732-739-6444, extension 2305. I can also be reached via e-mail at ablake@earthsys.net. If you have any questions relating to the project and schedule moving forward, you can also contact Mr. John Schenkewitz of Hess Corporation at 609-406-3969.

Sincerely,

Earth Systems, Inc.

Amy Blake

Senior Project Manager

cc: Ms. Julia Galayda – NJDEP (via sharefile)

Mr. John Schenkewitz – Hess Corporation (electronic copy) Mr. Shawn Ryan – Earth Systems, Inc. (electronic copy) Mr. John Virgie – Earth Systems, Inc. (electronic copy)

THIRD QUARTER 2022 PROGRESS REPORT

HESS CORPORATION – FORMER PORT READING COMPLEX
NORTH LANDFARM, NO.1 LANDFARM, and SOUTH LANDFARM
SOLID WASTE MANAGEMENT UNITS (SWMUS), AREAS OF CONCERN (AOCS),
HISTORIC SPILLS (HSS), AND COMBINED REMEDIATION MANAGEMENT UNITS

Hess Corporation – Former Port Reading Complex 750 Cliff Road Port Reading, Middlesex County, New Jersey EPA ID#: NJD045445483

October 2022

Prepared for:



Hess Corporation

Trenton-Mercer Airport 601 Jack Stephan Way West Trenton, New Jersey 08628

Prepared by:



1625 Highway 71 Belmar, New Jersey 07719

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1.0 Introduction and Summary Table

Earth Systems, Inc. (Earth Systems) has been retained by Hess Corporation (Hess) to provide environmental consulting services for the Hess Corporation – Former Port Reading Complex (HC-PR) facility located at 750 Cliff Road in Port Reading (Woodbridge Township), Middlesex County, New Jersey. A United States Geological Survey (USGS) 7.5 minute series quadrangle map (Arthur Kill, New Jersey) depicting the site location, facility and associated land features is included as **Figure 1**. A Site Plan has been included as **Figure 2** and a tax map of the site is provided as **Figure 3**.

This report documents the investigative and groundwater sampling activities completed in the Third Quarter 2022 (Q3 2022) at the Solid Waste Management Units (SWMUs), including the North Landfarm, South Landfarm, and No. 1 Landfarm, all of the Areas of Concern (AOCs), Historic Spills (HSs), and Remediation Management Units (RMUs). Investigative and remedial activities included groundwater gauging, groundwater monitoring, soil investigation, and Light Non-Aqueous Phase Liquid (LNAPL) monitoring.

SUMMARY OF ACTIONS

Location	Case Number/ Description	Description and Dates of Action
AOC 1	North Landfarm	Quarterly Groundwater Monitoring – July 2022
AOC 2	South Landfarm	Quarterly Groundwater Monitoring – July 2022
AOC 3	No. 1 Landfarm	Quarterly Groundwater Monitoring - July 2022; Remedial Action Activities
AOC 10	Truck Loading Rack	Monthly Groundwater Gauging Events, LNAPL Monitoring & Recovery (Passive & Active) – Conducted as Needed
AOC 14a	AOC 14a Monitoring Wells	Monthly Groundwater Gauging Events
AOC 103	Fire Pits / Fire Training Area	Monthly Groundwater Gauging Events, Remedial Investigation Activities
TRMU	Tankfield Remediation Management Unit	Monthly Groundwater Gauging Events
SRMU	Southern Remediation Management Unit	Monthly Groundwater Gauging Events
Tankfields	Industrial Site Recovery Act (ISRA)	Groundwater Monitoring, Remedial Investigation Activities

2.0 ISRA and Regulatory Requirements Update

A Preliminary Assessment Report (PAR) was submitted to the NJDEP and the USEPA on October 9, 2015. A total of 117 AOCs were identified in the PAR (**Figure 4.1** through **4.5**). Earth Systems concluded that, of the total number of identified AOCs at the site, 62 AOCs required further investigation. The Site Investigation Report (SIR) was submitted to the New Jersey Department of Environmental Protection (NJDEP) and the United States Environmental Protection Agency (USEPA) on November 7, 2015. The NJDEP provided several comment letters on the SIR. The SIR was approved by the NJDEP and USEPA on August 24, 2021. The following table lists the dates of the comment letters and responses:

NJDEP Comment Letter Date	Response to Comment (RTC) Date
August 10, 2017	December 20, 2017
June 9, 2020	July 31, 2020
December 6, 2018 (Ann Charles NJDEP)	October 19, 2020
December 6, 2018 (Jill Monroe NJDEP)	October 19, 2020
November 17, 2020	February 17, 2021

Select AOC specific SIR comments will be addressed in the Site or AOC specific Remedial Investigation Workplan / Remedial Investigation Report (RIW/RIR) report(s).

RIWs summarizing proposed remedial investigation (RI) activities for selected priority AOCs were initially submitted in 2016. Several supplemental RIWs were also submitted in 2021. As discussed during the October 1, 2021 3rd Quarter (Q3) meeting, "At Risk" investigation activities began in October 2021 and are currently ongoing. Please note that "At Risk" work refers to investigation activities that are proposed in a RIW that is submitted to the NJDEP and EPA for review. If the NJDEP and EPA confirm that the RIW 90-day review timeframe cannot be met or the 90-day review period has expired, the proposed investigation activities may then be conducted by Hess "At Risk". At the completion of all RI activities (once delineation is complete), a final RIR will be submitted that will document all investigation data and observations.

The following is a summary of submittals for all priority AOCs and AOC groupings, which have been identified by the NJDEP and USEPA:

AOC 1 – North Landfarm

 Remedial Investigation Workplan / Remedial Action Workplan (RIW/RAW) submitted to NJDEP/USEPA in the Third Quarter (Q3) 2016

- 90% Soil Remediation Action Design (RAD) for the engineering controls submitted to the NJDEP/USEPA April 2020
- 100% Soil RAD is currently in process with a targeted submittal in 2022
- Updated Groundwater Sampling Plan being prepared for submittal, review, and NJDEP approval, pending approval of the No. 1 Landfarm Groundwater sampling plan (see below)

AOC 2 - South Landfarm

- RIW/RAW submitted to NJDEP/USEPA in Q3 2016
- Comments received from the NJDEP/USEPA on the RIW/RAW in 2019
- Response to the comments will be submitted once investigation of adjacent AOC
 13 Former Oil Water Lagoons is complete
- Updated Groundwater Monitoring Plan being prepared for submittal, review, and NJDEP approval, pending approval of the No. 1 Landfarm Groundwater sampling plan (see below)

AOC 3 – No. 1 Landfarm

- RIW/RAW submitted to NJDEP/USEPA in Q3 2016
- 100% Soil RAD was submitted to the NJDEP/USEPA in Q3 2019
- NJDEP/USEPA approved the 100% design in Q2 2020
- Permits were submitted for the final design in June 2020, September 2020, and October 2020 (see **Section 4.3** for permits summary)
- Updated Groundwater Sampling Plan submitted to NJDEP/USEPA in Q3 2021 (Comments were provided by the NJDEP on January 27, 2022 and July 6, 2022, a response was submitted on April 22, 2022 to address the January 2022 comments and a draft response was submitted on October 18, 2022)
- Construction remedial capping activities began in October 2021 and were completed in October 2022

AOC 10 - Truck Loading Rack, AOC 57 - Day Tankfield

AREA AOCs – AOC 29 – Mixing Basin, AOC 43 – Truck Unloading Area, AOC 110 – Oil/Water Separator, AOC 111 – Chemical Storage Area, AOC 82 – Former Incinerator Building, AOC 86 - Truck Rack VRU, and AOC 109 – Truck Rack Sump

- RIW/RAW submitted to NJDEP/USEPA in Q3 2016 (AOC 10 only)
- Comments received from NJDEP/USEPA Q1 and Q2 2017
- Response to Comments (RTC) submitted in Q3 2017
- RIW/RAW Approved Q4 2017 and Q3 2018
- RI activities conducted in Q4 2018, Q3 2019, and Q4 2019
- Supplementary revised RIW was submitted in Q2 2021 (all AOCs specified above)
- "At Risk" RI activities began December 2021 and are ongoing
- Groundwater monitoring (existing wells and new wells) was conducted on June 27-30, 2022 and the analytical results will be provided in the final RIR

AOC 11a – Administration Building; AOC 78 – Administration Building Drainage Channel

- RIW/RAW submitted to NJDEP/USEPA in Q1 2016 and approved by NJDEP/USEPA in Q2 2017
- RI activities began in Q3 2017 and are currently ongoing
- Indoor air sampling was conducted in Q3 2020 and Q1 2021
- A meeting was held on March 16, 2022, to discuss delineation activities for AOC 11a and Site drilling constraints. A power point presentation was provided to the NJDEP and USEPA on March 11, 2022, which summarized historic investigation activities and proposed future investigation activities. The NJDEP requested additional information via email on March 17, 2022. The additional requested information was provided to the NJDEP/EPA on April 21, 2022
- A Site visit with the NJDEP/USEPA occurred on April 27, 2022. The purpose of
 the visit was to observe drilling constraints and discuss off-site delineation. The
 NJDEP requested additional information regarding drainage plans for the
 neighboring property (Cypress Recreation Center, 881 West Ave, Port Reading).
 Earth Systems/Hess is currently reviewing information provided by the neighboring
 property and will provide the supplemental information to the NJDEP/USEPA once
 Sitewide groundwater gauging is complete in November 2022.

AOC 12 - Smith Creek and Detention Basin

- RIW/RAW submitted to NJDEP/USEPA in Q3 2016
- Comments received from the NJDEP/USEPA in Q1 2017
- RTC submitted in Q2 and Q4 2017
- RIW/RAW approved by NJDEP/USEPA Q2 2018
- Sediment and surface water investigation conducted in 2018 and 2019
- Soil investigation and monitoring well installation (on and off-site) conducted in Q3 2019
- Supplementary revised RIW was submitted Q3 2021 (Comments were provided by the NJDEP in Q1 2022 and a response was submitted on October 24, 2022)

AOC 19 – QC Laboratory

- RIW/RAW submitted to NJDEP/USEPA Q2 2016 and approved Q2 2016
- Remedial Investigation Report / Remedial Action Report (RIR/RAR) submitted to NJDEP/USEPA Q2 2017
- Comments received from the NJDEP/USEPA in Q3 2017
- RTC submitted Q3 2017
- Revised RIR/RAR submitted to NJDEP/USEPA Q1 2018
- NJDEP/USEPA meeting in Q2 2018
- Revised RIR/RAR submitted in Q3 2019 and approved in Q4 2019

- Remedial Action Permits (RAPs) for soil and groundwater submitted to NJDEP
 Site Remediation in Q1 2021 for review prior to submittal
- Deed notice approved by NJDEP/USEPA in Q1 2021 and was filed with Middlesex County
- Meeting was held with NJDEP/USEPA on May 18, 2021, and additional supplemental sampling was requested prior to submitting the final RAPs to NJDEP permitting
- Groundwater sampling was conducted on July 1, 2021
- Final RAPs were submitted to NJDEP Bureau of Remedial Action Permitting in Q3 2021 and comments/revisions were sent via email on March 8, 2022 (from the Site Remediation Case Team). All requested revisions were completed, and the revised documents uploaded to the Earth Systems portal on May 20,2022.
- A revision to Exhibit B-1 of the Classification Exception Area (CEA) packet was requested by the NJDEP on June 16, 2022, and the revised exhibit was uploaded to the Earth Systems portal on June 28, 2022.
- The RAPs and associated appendices will be resubmitted to the permitting group, as per direction from the case team, in October 2022.

AOC 103 – Fire Pits/Fire Training Area (Part of AOC Group – Proposed Future Solar Field Area)

- Site Investigation Workplan (SIW) submitted to NJDEP/USEPA in Q2 2019
- Comments received from NJDEP/USEPA in Q2 2019
- Teleconference and quarterly progress meeting with NJDEP/USEPA in Q2 2019
- RTC submitted in Q2 2019
- Revised SIW submitted in Q4 2019 and approved by NJDEP/USEPA in Q4 2019
- Seven (7) groundwater monitoring wells installed and sampled in Q1 2020
- A PowerPoint presentation summarizing the investigation and recommendations for further investigation was provided to the NJDEP/USEPA on April 9, 2020 and discussed during a teleconference on June 29, 2020
- NJDEP provided additional comments on July 7, 2020 and RTC was submitted to the NJDEP on August 18, 2020
- RIW submitted to NJDEP/EPA in Q1 2021
- NJDEP provided comments on July 28, 2021 and a meeting was held to discuss the comments on August 16, 2021
- RTC was submitted to NJDEP/USEPA on September 28, 2021
- RIW was approved on October 12, 2021
- RI activities began in November 2021 and are ongoing

AOC 16b – Marine Terminal Loading Area, AOC 85 – Marine VRU (RIW also includes area AOCs)

- Marine Area RIW submitted to NJDEP/USEPA in Q3 2021
- "At Risk" RI activities began in Q1 2022 and are ongoing

Tankfields – AOC 6 – HSWA UST, AOC 14a – First Tankfield, AOC 46 – Slop Gasoline Unloading Area, AOC 53 – Second Tankfield, AOC 54 – Third Tankfield, and AOC 56 – Second Reserve Tankfield

- RIW/RAW submitted to NJDEP/USEPA in Q2 2021
- "At Risk" RI activities began in Q1 2022 and are ongoing
- Groundwater monitoring was conducted in Q2 2022 and the analytical results will be provided in the final RIR

Former Refining Area Remediation Management Unit - AOC-9 Alkylation Unit (Sewer Line), AOC-18 Dimersol Unit, AOC-20a T1600-A and T-1600B Transformers, AOC-20b T510-A and T510-B Transformers, AOC-25 X-1950A and X-1950B (Alkylation Neutralization Basin), AOC-26 D-1104 (MEA Sump, AOC-27 EADC Sump, AOC-28 Cooling Water Tower, AOC-30 Sulfur Pit, AOC-31 Brine Pit, AOC-32 X-1951 (SRU Neutralization Basin), AOC-38 NH3 Truck Loading Rack/Ammonia Area, AOC-39 EADC Truck Unloading Area, AOC-40 Fresh Acid Unloading Area, AOC-45 Former Sulfur Recovery Unit Truck Loading Rack, AOC-47 Bleach Truck Unloading Area, AOC-58 Former Chemical Storage Area, AOC-59 API Storage Area, AOC-60 Avenue B Tank Field, AOC-80 Former Crude Topping Unit, AOC-88 Compressor Building, AOC-89 Cracking Tower, AOC-92 TK-701A and TK-701B, AOC-96 Boiler Area, AOC-99 Chemical Storage Area, AOC-117 Diesel Powered Emergency Generator - Millwright's Shop

- RIW/RAW submitted to NJDEP/USEPA in Q2 2021
- "At Risk" RI activities initiated in Q3 2021 and are ongoing

AOC 13 – Former Oil Water Lagoons, AOC 42 – Methanol Truck Unloading Area, Decontamination Area, AOC 87 – Flare Knock Out Drum

• RIW submitted to NJDEP/EPA on August 8, 2022

AOC 14b – Rundown Tankfield, AOC 41 – Gasoline Additive Truck Unloading Rack, AOC 44 – Truck Unloading (Prover Truck) Area 2, AOC 74 – TEL Building (South)

RIW is being completed with a Q4 2022 targeted submittal to the NJDEP and EPA

2.1 Groundwater Gauging

HC-PR conducts monthly gauging events as part of the Interim Remedial Measures (IRMs) at the site. Bi-weekly gauging events target monitoring wells with a history of LNAPL or sheen, and wells in close proximity to LNAPL or sheen detections.

Bi-Weekly Gauging

Groundwater gauging is currently conducted for the following thirty-six (36) monitoring wells: (PL-1RR, PL-2, PL-3R, PL-4RR, PL-5R, PL-6R, PL-7, PL-8R, PL-9R, TF-1, TF-2, TF-3, TM-6R, TM-7, TR-1R, TR-2R, TR-3RR, TR-3D, TR-3DD, TR-4R, TR-4D, TR-5DD, TR-5DD, TR-5DD, TR-6, TR-6D, FA-1, FA-2, FA-3, FA-4, FA-5, FA-6, FA-7, FA-14, and FA-15), two (2) recovery sumps (TR-Sump-1 and TR-Sump-2), the interceptor trench, and six (6) surface water gauges (DB-SW, LN-SW, L1-SW, SC-SG-1, SC-SG-1A, and SC-SG-2).

All monitoring wells are gauged by utilizing a Solinist oil/water interface probe and measured from a surveyor's mark (present on the top of the inner casing) to the top of the groundwater table.

During the Q3 of 2022, bi-weekly gauging was conducted in July, August, and September (summarized below). The results of the gauging activities are provided in **Table 1**. Historic LNAPL levels are summarized in **Table 3**.

For reference purposes, all site monitoring well documentation has been compiled into a comprehensive Well Manual. As of the date of this report preparation, the current version of the approved Well Manual is dated November 19, 2021. The Well Manual is revised as new wells are installed, modified, and/or abandoned at the site and re-dated pursuant to agreements between USEPA, NJDEP, Earth Systems, and Hess. The Well Manual includes the following:

- Master Well Construction Details Summary Table
- Well Permits
- Well Records
- Geologic Well Logs
- Form B's

The results of the Q3 2022 monthly groundwater gauging events are summarized below:

- During the July 2022 gauging events, a measurable thickness of LNAPL was encountered in monitoring wells PL-1RR, PL-2, PL-5R, TF-2, and FA-5. A discontinuous sheen was encountered in monitoring wells TR-2R, TF-1, and the interceptor trench.
- During the August 2022 gauging events, a measurable thickness of LNAPL was encountered in monitoring well PL-5R. A discontinuous sheen was encountered in monitoring wells PL-1RR, PL-2, FA-3, FA-5, TF-2, and the interceptor trench.
- During the September 2022 gauging events, a measurable thickness of LNAPL was encountered in monitoring wells FA-5 and PL-5R. A discontinuous sheen was encountered in monitoring wells PL-1RR, PL-2, TF-2, FA-3, and the interceptor trench.

An analysis of groundwater elevations indicate that groundwater flow direction is generally to the south and east, consistent with historic groundwater flow direction on the Site and the Port Reading Conceptual Site Model (CSM) (see **Figures 6**, **7**, and **8**).

2.2 LNAPL IRM

Currently, passive LNAPL recovery methods and scheduled vacuum extraction events are being utilized at the site. Absorbent socks are placed in impacted wells and replaced as necessary. All used socks are placed in a 55-gallon drum staged on-site. Once at capacity, the drum is removed from the HC-PR site and disposed of at a licensed waste disposal facility. Vacuum extraction events are scheduled, as necessary, to address LNAPL observed in the interceptor trench and any monitoring well with significant measurable product. One vacuum extraction event was conducted in Q3 2022. On September 23, 2022, a total of 360-gallons of petroleum impacted water was removed from the interceptor trench and PL-5R. Disposal documentation is included in **Appendix A**.

3.0 Groundwater Monitoring

On July 12, 13, and 14, 2022, groundwater samples were collected via low-flow sampling methodology in accordance with the NJDEP's *Field Sampling Procedures Manual (FSPM)* at the three (3) Landfarm locations (North, No.1, and South Landfarms).

Samples were collected in laboratory supplied glassware and transferred to Alpha Analytical (Alpha) of Westborough, Massachusetts (NJ NELAP Certification No. MA015/MA935) under strict chain of custody procedures.

Pursuant to NJDEP/USEPA direction (via comment letter dated November 13, 2020), analytical results are no longer included in the Quarterly reports. Analytical results will be provided in the Semi-Annual Report only, with the next submittal being January 2023. Groundwater gauging maps for the landfarms are included as **Figures 9**, **10**, and **11** with groundwater elevations summarized on **Table 2**.

4.0 Areas of Concern and Solid Waste Management Units Update

As discussed previously, a PAR and SIR were submitted to the NJDEP and USEPA on October 9, 2015 and November 7, 2015, respectively. The SIR described the soil and groundwater investigation activities conducted on the site. Several RIW's were submitted subsequent to the SI for select AOCs. The following is a brief summary of any remediation and/or RI activities conducted during Q3 2022.

AOC-3 No. 1 Landfarm (SWMU)

A RAW was submitted to the USEPA and NJDEP in September 2016 and comments were received from the USEPA and NJDEP on July 9, 2018. A 100% Soil RAD for the No. 1 Landfarm engineering control was submitted on May 24, 2019. Comments regarding the 100% engineering control design submittal were received from the NJDEP on October 7, 2019. The comments were addressed by Hess/Earth Systems on November 1, 2019 and the NJDEP subsequently approved the response. The NJDEP and USEPA issued an approval letter of the 100% RAD on April 28, 2020.

The following permits were submitted in June 2020 and October 2020 and have been approved by the NJDEP on the dates provided:

- Soil Erosion & Sediment Control Plan (Freehold Soil Conservation District), approved on August 17, 2020
- Flood Hazard Area Individual Permit (NJDEP Land Use Regulation Program), approved on September 25, 2020
- Waterfront Development GP-11 Permit (NJDEP Land Use Regulation Program), approved on September 25, 2020
- Freshwater Wetland GP-4 Permit (NJDEP Land Use Regulation Program), approved on September 25, 2020
- NJPDES B4B Permit (NJDEP Wastewater Program), approved on September 15, 2020
- Treatment Works Approval TWA-1 Permit (NJDEP Wastewater Program), approved on February 18, 2021
- NJPDES Individual Permit (NJDEP Stormwater Program), public comment period is over and approved on August 1, 2021.

New Jersey Pollutant Discharge Elimination System (NJPDES) personnel conducted a Site inspection on June 16, 2022 of the No. 1 Landfarm leachate system. A report regarding the inspection results is not available yet. Once the report is available, it will be included in the next Quarterly Report.

The updated Groundwater Sampling Plan for the No. 1 Landfarm was submitted on August 25, 2021 to the NJDEP and USEPA. The NJDEP provided comments on January 27, 2022, and a response was submitted on April 22, 2022. The NJDEP provided additional comments on July 6, 2022 and a draft response was submitted on October 18, 2022.

Landfarm capping and construction activities were initiated in October 2021 and completed in October 2022. Closure documents, including a draft Deed Notice, are currently being prepared.

5.0 Schedule

Site-wide LNAPL Monitoring & Recovery

Bi-weekly gauging events continue to be conducted as part of the IRM at the site. In addition, LNAPL will continue to be removed via vacuum truck from both the interceptor trench and select monitoring wells, as necessary. Passive absorbent socks and booms will also continue to be deployed in both the interceptor trench and select monitoring wells, as necessary.

AOC 10 - Truck Loading Rack and AOC 57 - Day Tankfield

As discussed during the Q3 Quarterly meeting, "At Risk" investigation activities began in October 2021 and are currently ongoing. At the completion of all AOC RI activities, a final AOC 10 and AOC 57 RIR will be submitted that will document all investigation data and observations.

Groundwater monitoring (existing and new wells) was conducted in June 2022. Analytical results will be provided in the final RIR.

AOC 12 – Smith Creek and Detention Basin

A Supplemental RIR/RIW was submitted in Q1 2020. Based upon subsequent discussions with NJDEP/USEPA pertaining to the Port Reading June 9, 2020 memo (i.e. the "over-arching issues" memo), the RIR/RIW was rescinded and revised to incorporate the additional requested information. The revised RIR/RIW was submitted on July 30, 2021. The NJDEP provided comments on February 23, 2022, and a response was submitted on October 24, 2022.

AOC 103 – Fire Pits/Fire Training Area (Part of AOC Group – Proposed Future Solar Field Area)

The RIW was approved on October 12, 2021 and RI activities began in November 2021 and are still ongoing. At the completion of all AOC RI activities, a final RIR, for this AOC group, will be submitted that will document all investigation data and observations.

AOC 11a - Administration Building

A meeting was held on March 16, 2022, to discuss delineation activities for AOC 11a and Site drilling constraints. A power point presentation was provided to the NJDEP and USEPA on March 11, 2022, which summarized historic investigation activities and proposed future investigation activities. The NJDEP requested additional information via email dated March 17, 2022. The additional information was provided to the NJDEP/USEPA on April 21, 2022. A Site visit with the NJDEP/USEPA occurred on April 27, 2022. The NJDEP requested additional information regarding drainage plans for the neighboring property. Earth Systems/Hess is currently reviewing information provided by the neighboring property and will provide the supplemental information to the NJDEP/USEPA once the annual sitewide groundwater gauging is completed in November 2022.

Former Refining Area Remediation Management Unit (FRAMU)

As discussed during the Q3 Quarterly meeting, "At Risk" investigation activities began in October 2021 and are currently ongoing. At the completion of all AOC RI activities, a final RIR, for this AOC group, will be submitted that will document all investigation data and observations.

Former Marine Loading Dock Area

The Marine Loading Dock Area RIW was submitted on July 12, 2021. As discussed during the Q3 Quarterly meeting, "At Risk" investigation activities began during Q1 2022 and are currently ongoing. At the completion of all AOC RI activities, a final RIR, for this AOC group, will be submitted that will document all investigation data and observations.

Groundwater monitoring (existing and new wells) is scheduled to be conducted in Q4 2022. Analytical results will be provided in the final RIR.

Tankfields

As discussed during the Q3 USEPA/NJDEP/Hess/Earth Systems meeting, "At Risk" investigation activities began during Q1 2022 and are currently ongoing. At the

completion of all AOC RI activities, a final RIR, for this AOC group, will be submitted that will document all investigation data and observations.

Groundwater monitoring (existing and new wells) is scheduled to be conducted in Q4 2022. Analytical results will be provided in the final RIR.

Landfarms

The next quarterly sampling event for the North, South, and No. 1 Landfarms is scheduled for October 2022.

AOC 1 – North Landfarm (SWMU)

Routine groundwater monitoring will continue at the North Landfarm, pending approval and execution of the proposed Closure Plan. A RAW was submitted to the USEPA and NJDEP for the North Landfarm in September 2016. Comments were received from the USEPA and NJDEP on June 7, 2018. A 90% Soil Remediation Action Design (RAD) for the North Landfarm engineering control was submitted to the USEPA and NJDEP on October 24, 2019. The NJDEP and USEPA issued an approval letter for the 90% design on April 28, 2020. The current owner, Buckeye, completed the lining of the tankfield located directly adjacent to the North Landfarm. The 100% RAD is in the process of being finalized for 2022 submittal.

The updated Groundwater Sampling Plan for the North Landfarm is being prepared and will be submitted pending approval of the Groundwater Sampling Plan for the No. 1 Landfarm.

AOC 2 – South Landfarm (SWMU)

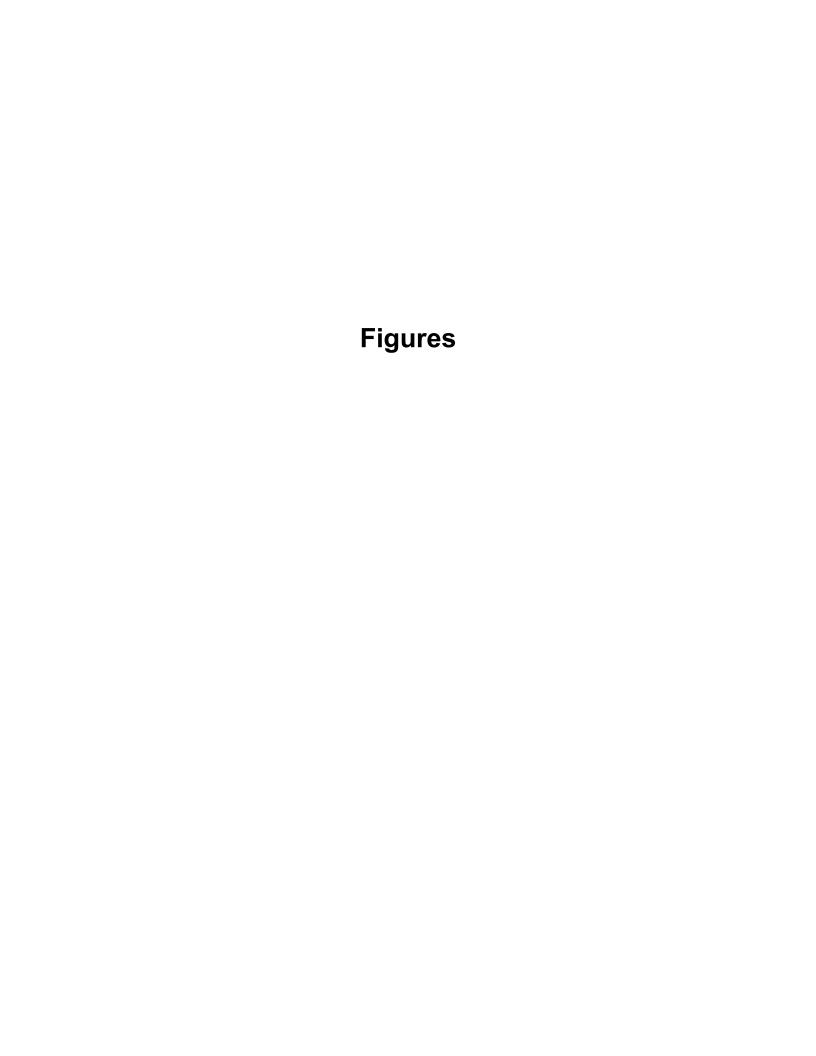
Routine groundwater monitoring will continue at the South Landfarm, pending approval and execution of the proposed Closure Plan. A RAW was submitted to the USEPA and NJDEP for the South Landfarm in September 2016. Comments were received from the USEPA and NJDEP on March 20, 2019. A RIW was submitted for AOC 13- Former Oily Water Lagoon Area on August 8, 2022, which is adjacent to the South Landfarm. A response will be provided to the NJDEP South Landfarm comments once an investigation of the AOC 13 area is complete.

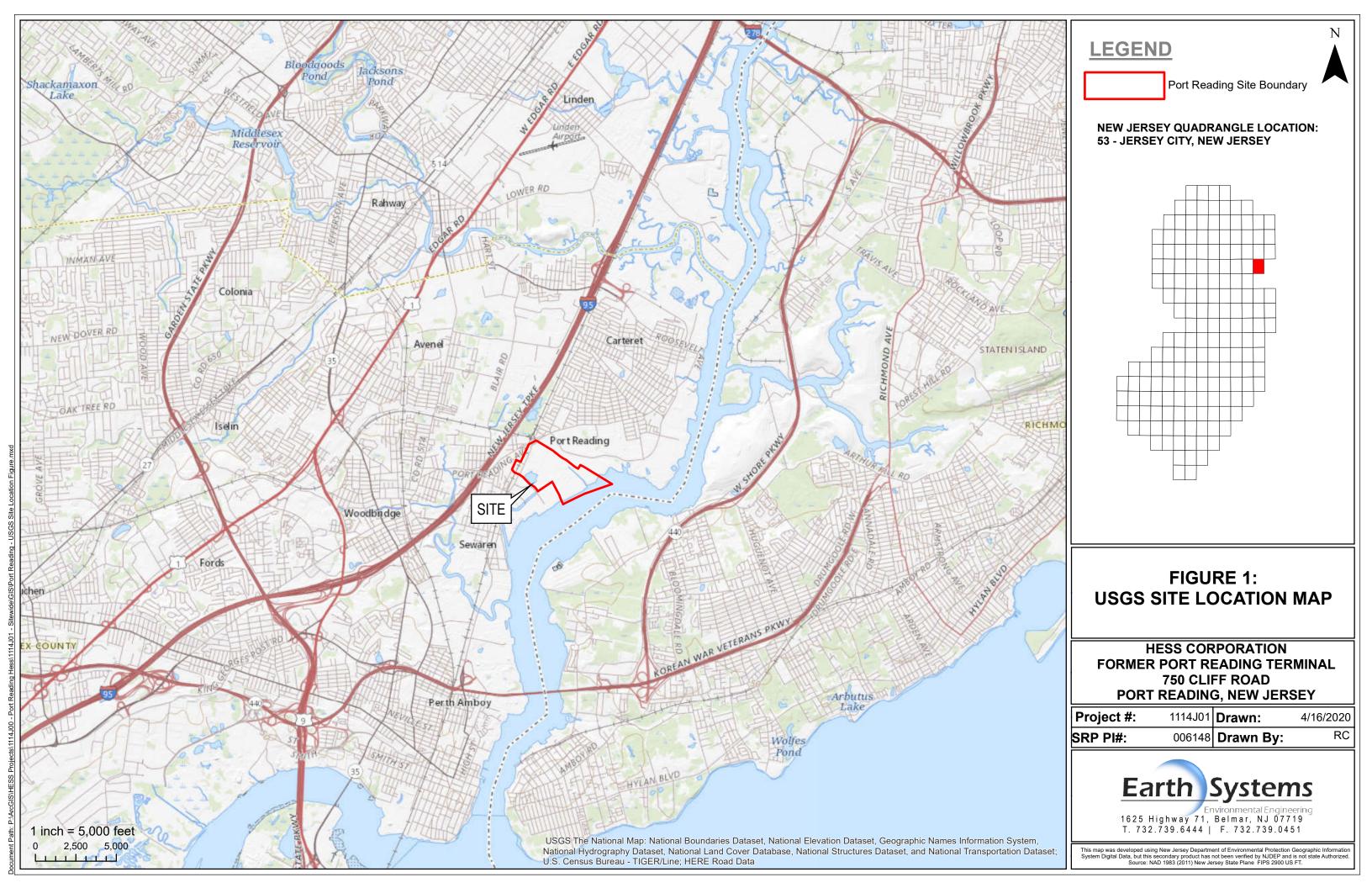
The updated Groundwater Sampling Plan for the South Landfarm is being prepared and will be submitted pending approval of the Groundwater Sampling Plan for the No. 1 Landfarm.

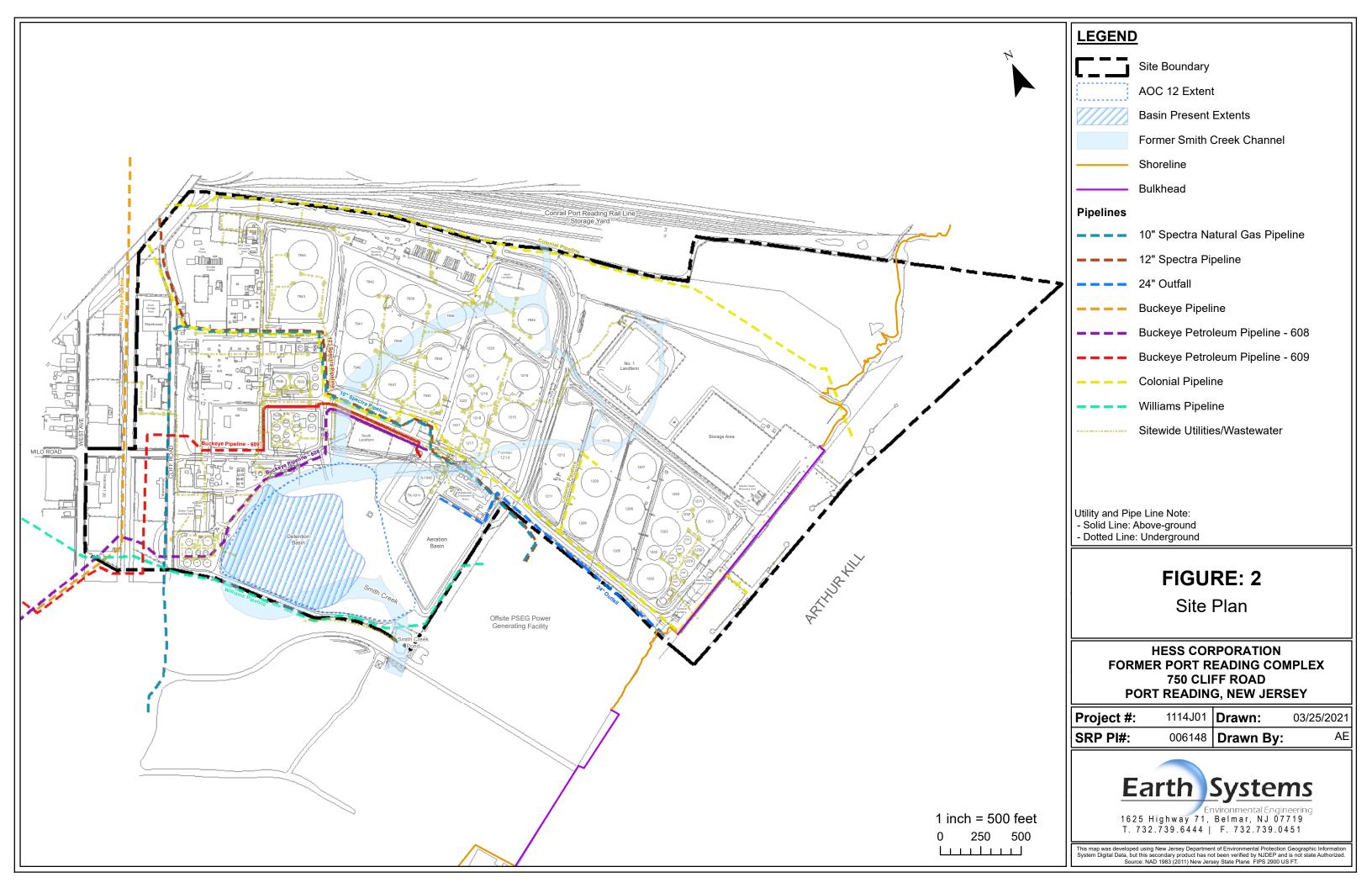
AOC 3 – No. 1 Landfarm (SWMU)

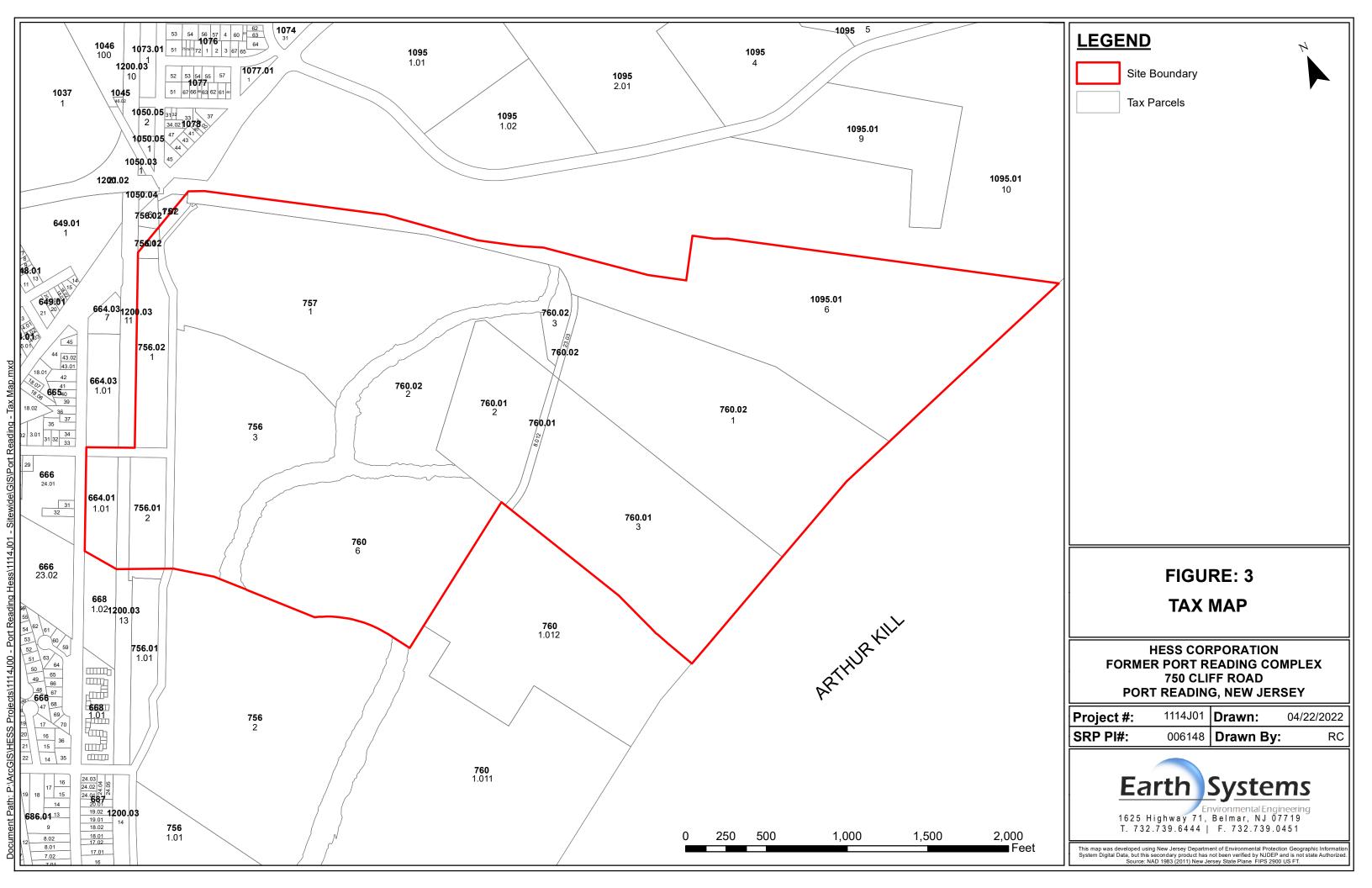
Routine groundwater monitoring will continue at the No. 1 Landfarm. The updated Groundwater Sampling Plan for the No. 1 Landfarm was submitted on August 25, 2021 to the NJDEP and USEPA. The NJDEP provided comments on January 27, 2022 and a response was submitted on April 22, 2022. The NJDEP provided additional comments on July 6, 2022 and a draft response was submitted on October 18, 2022.

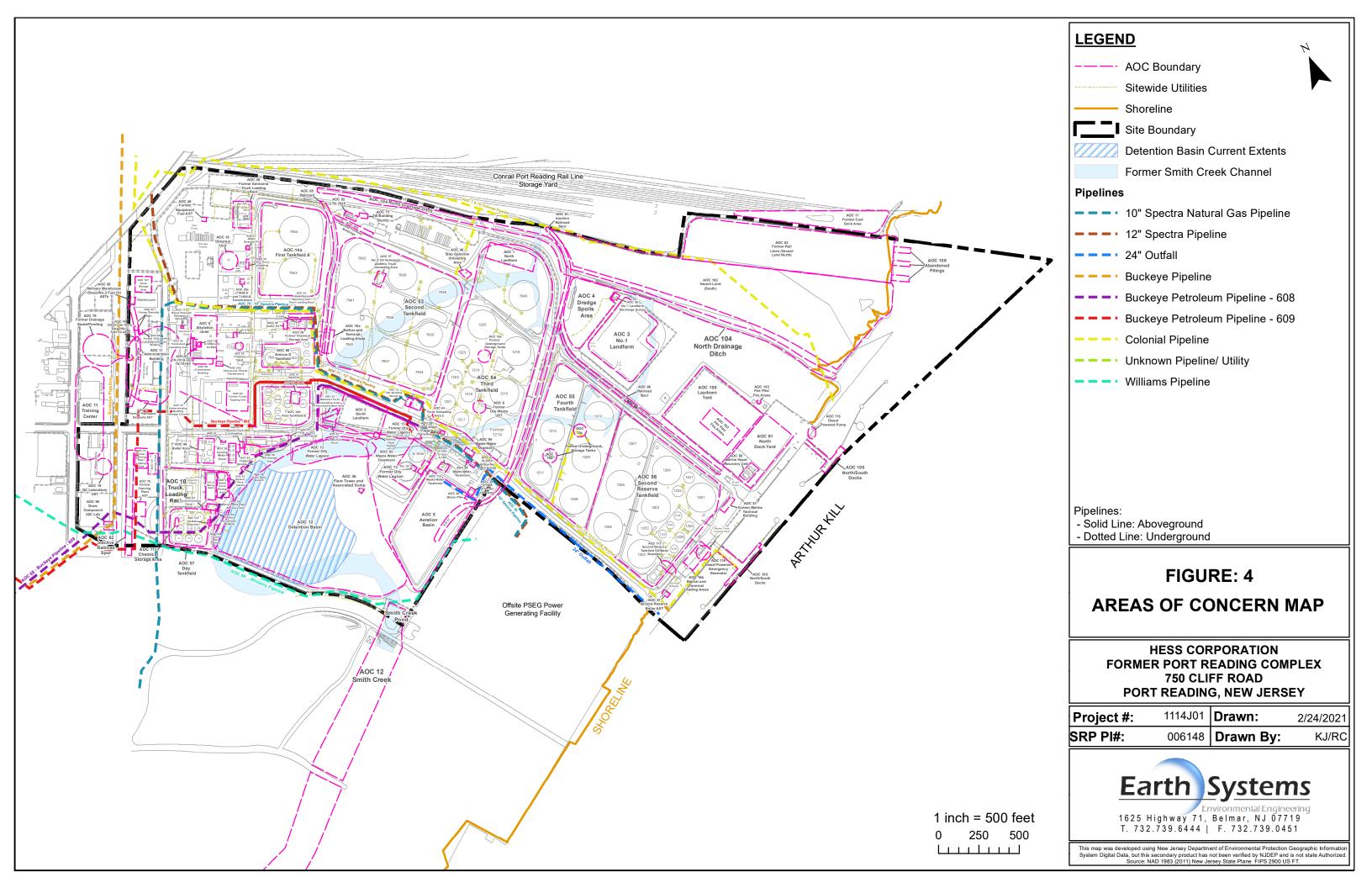
Remedial capping activities began in October 2021 for the No. 1 Landfarm and were completed in October 2022. Closure documents are currently being prepared to document the remedial action.

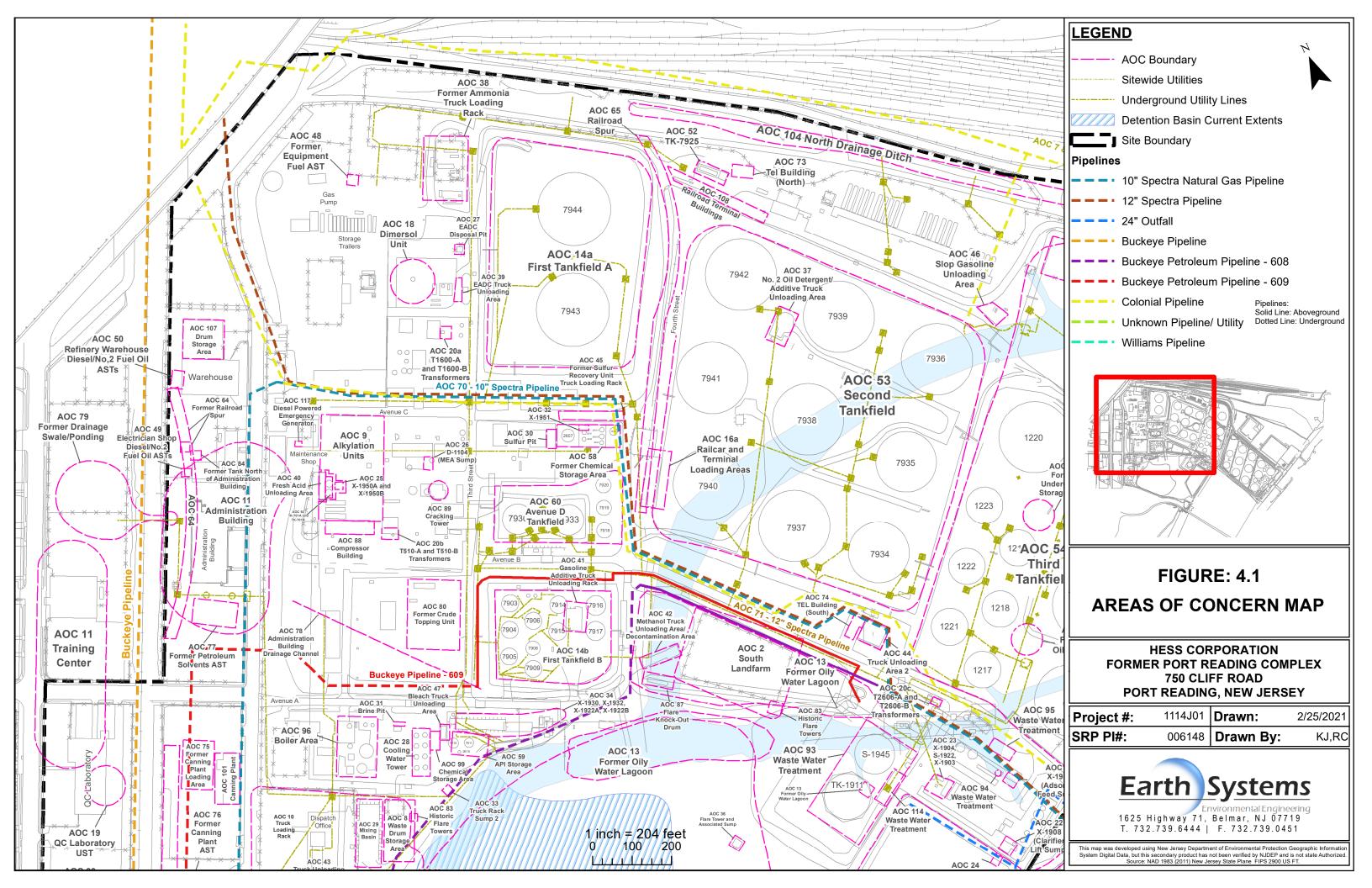


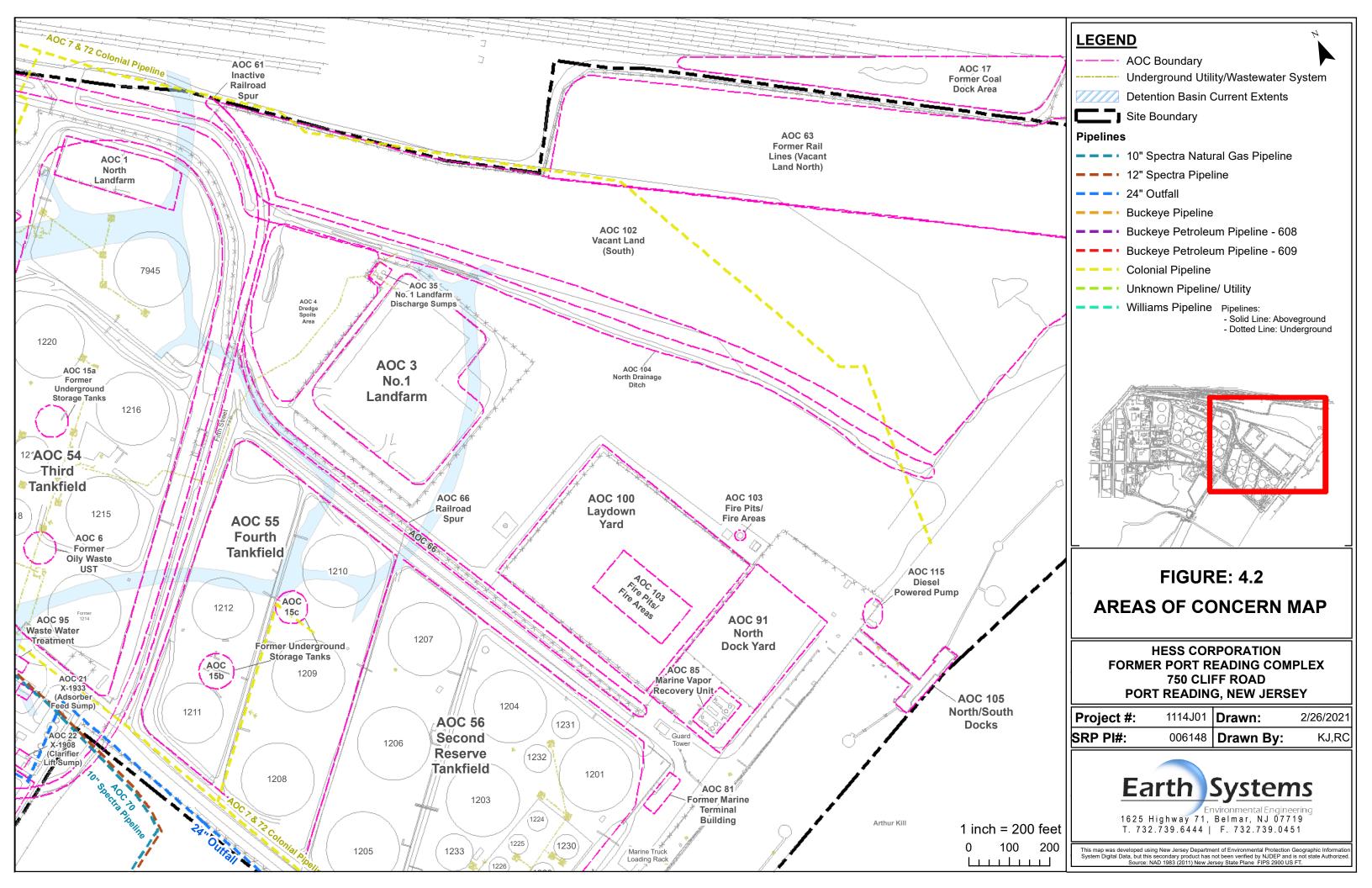


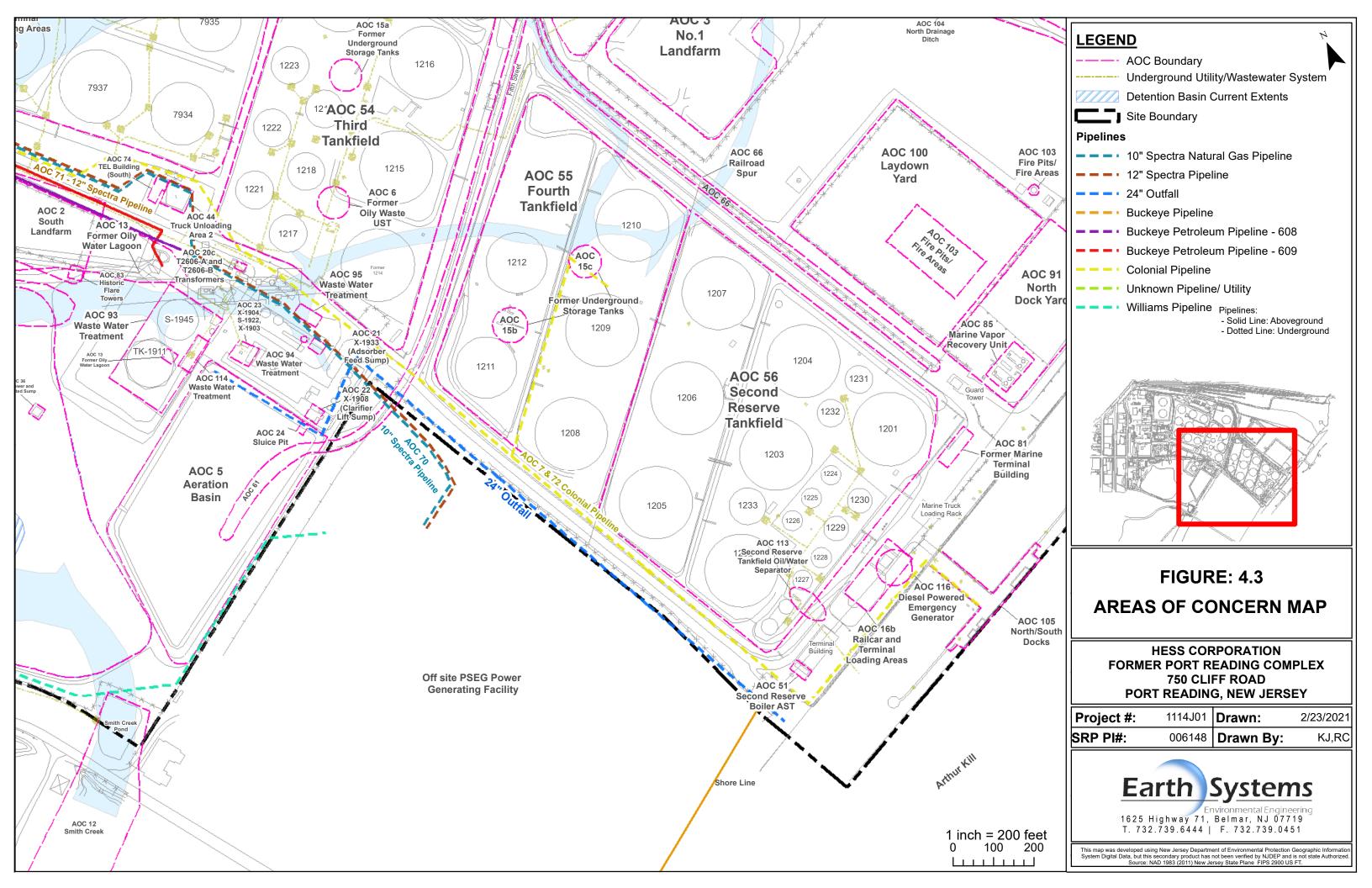


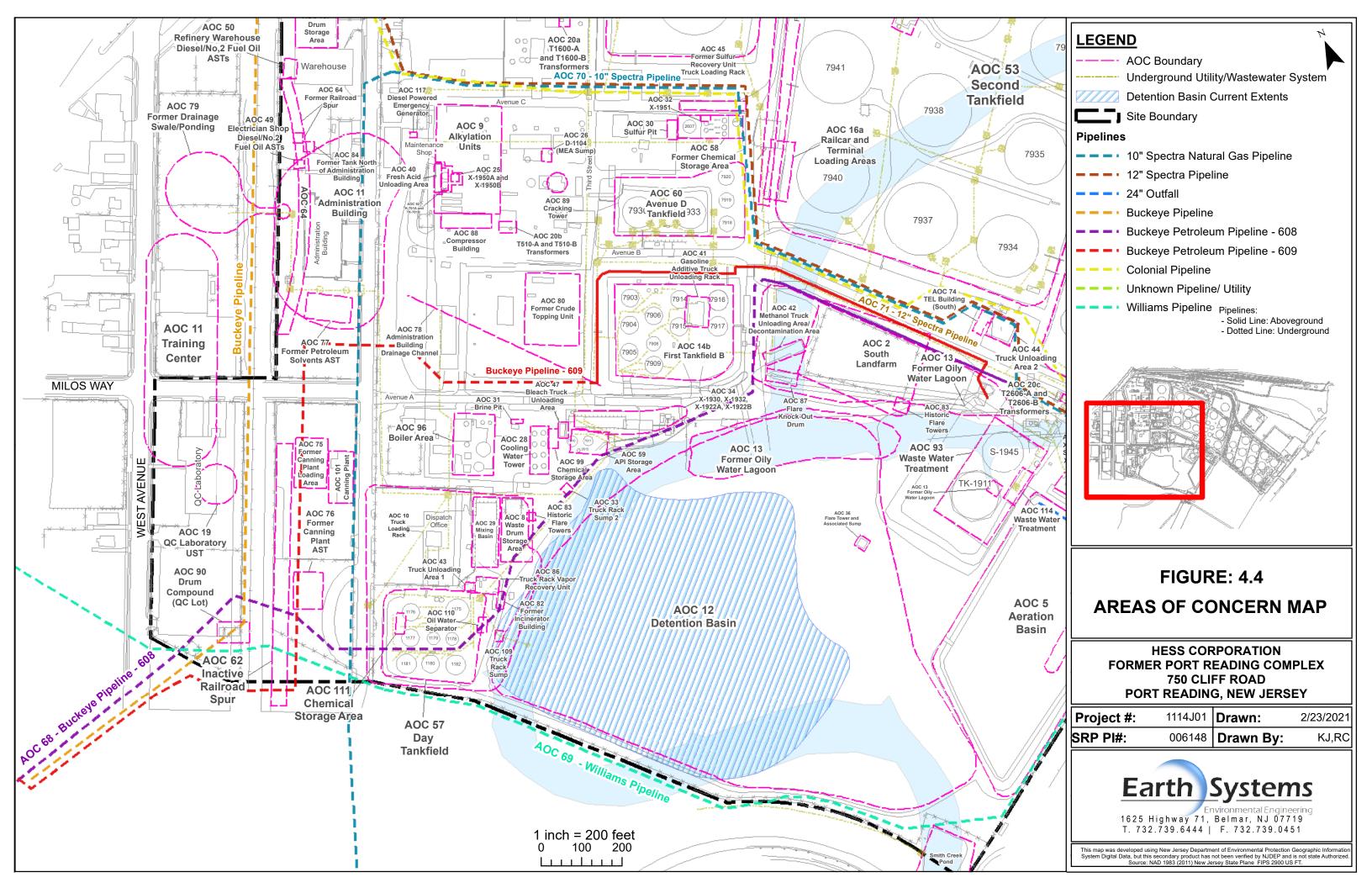


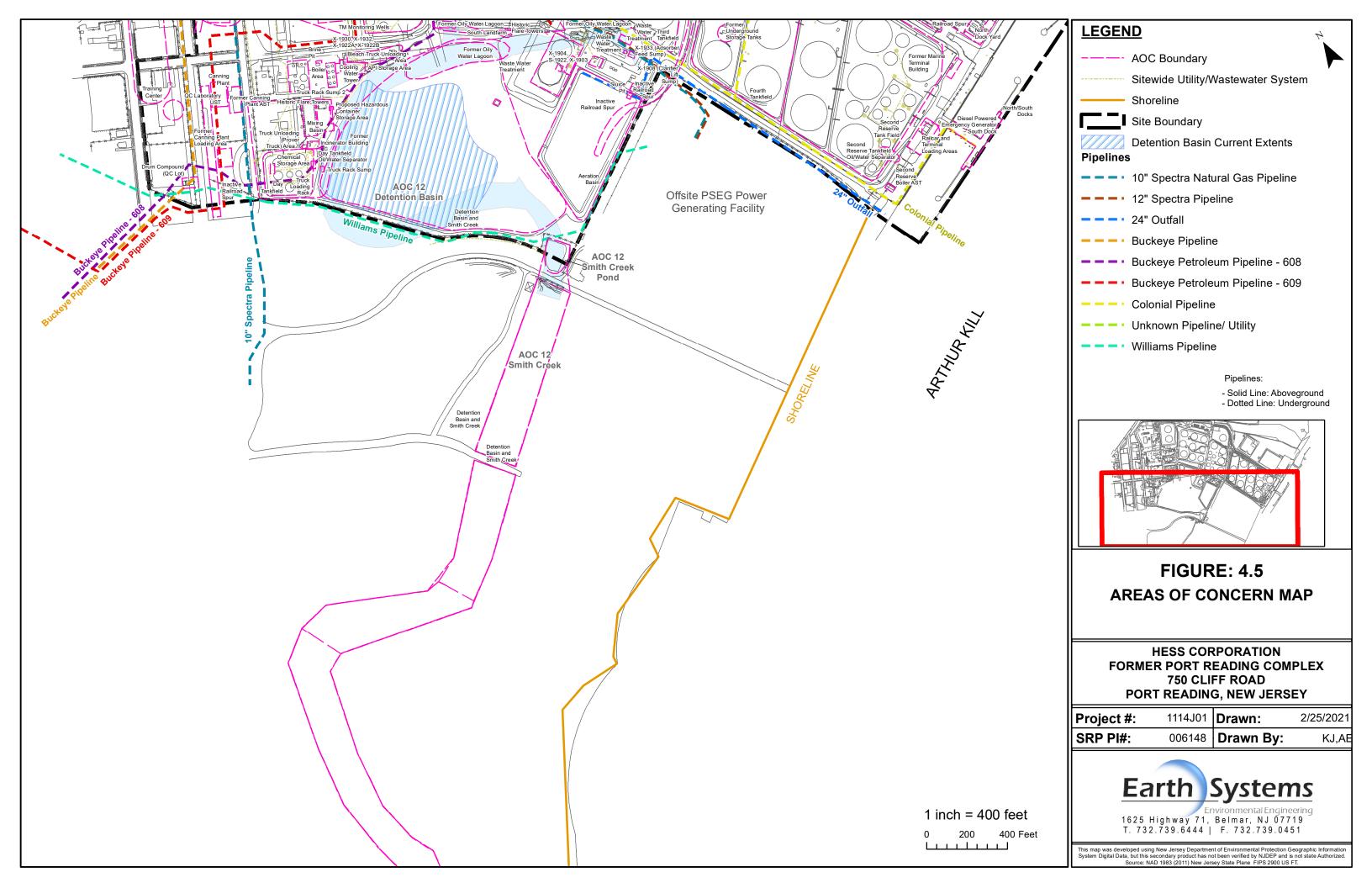


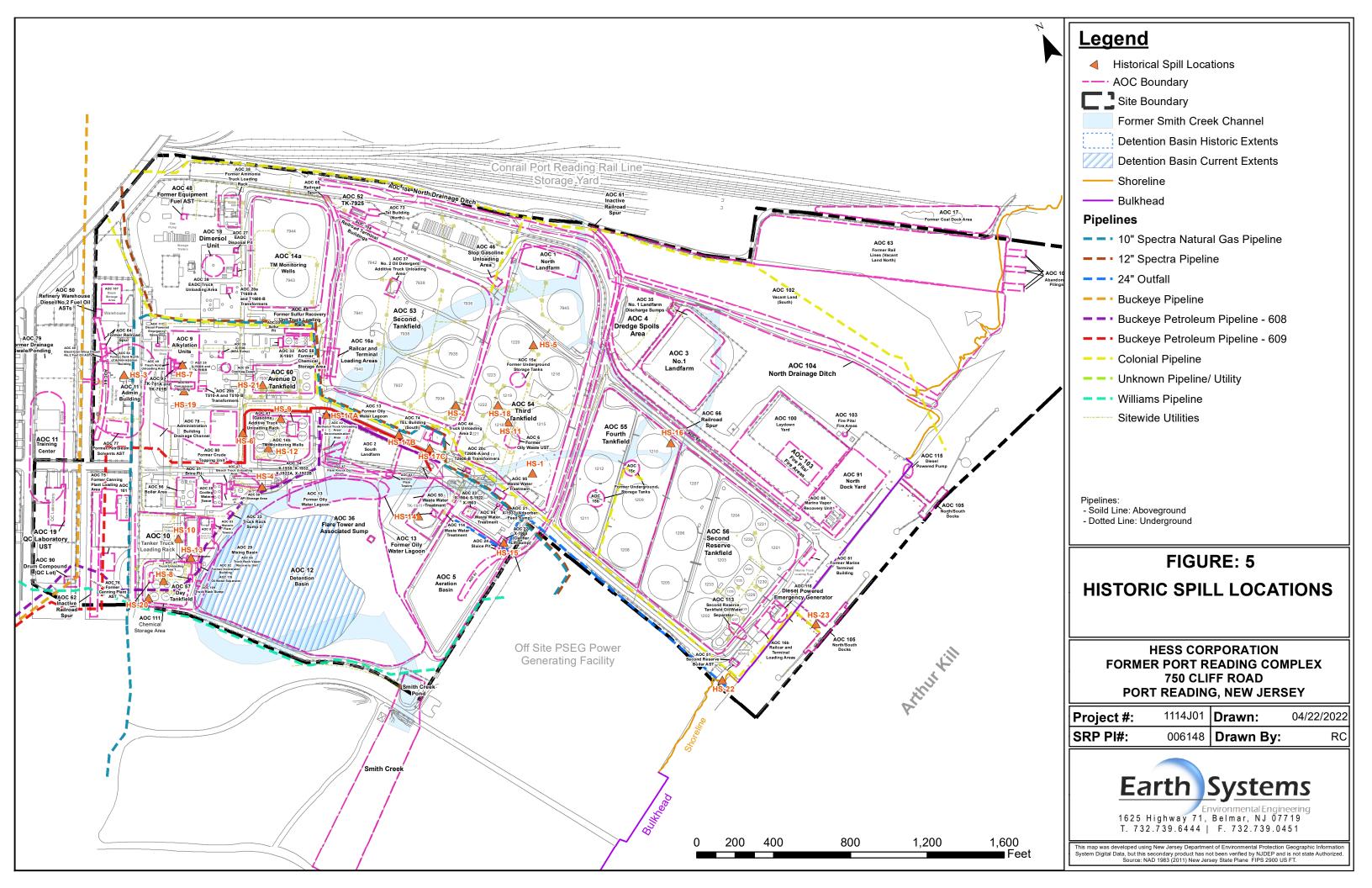


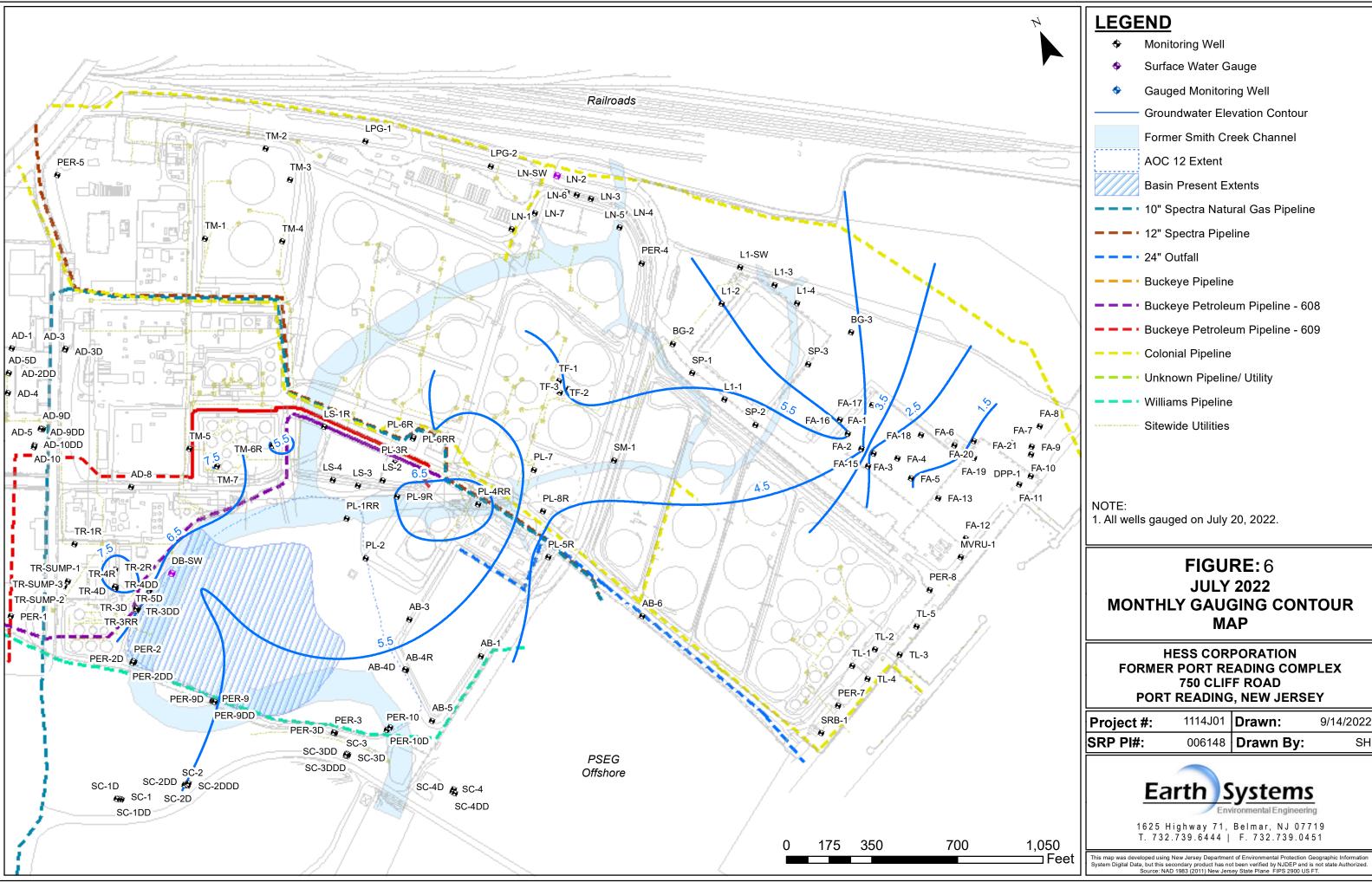


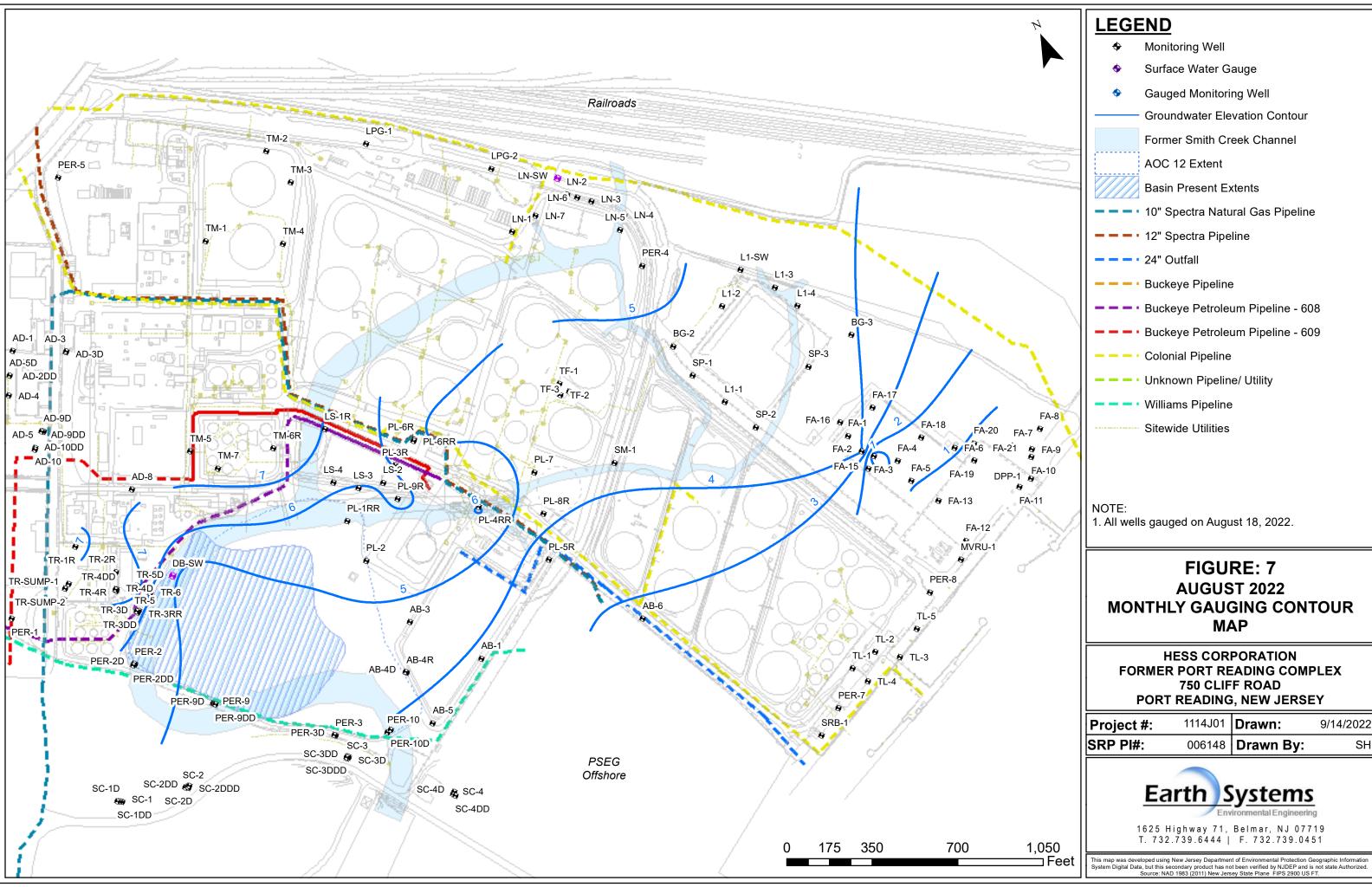


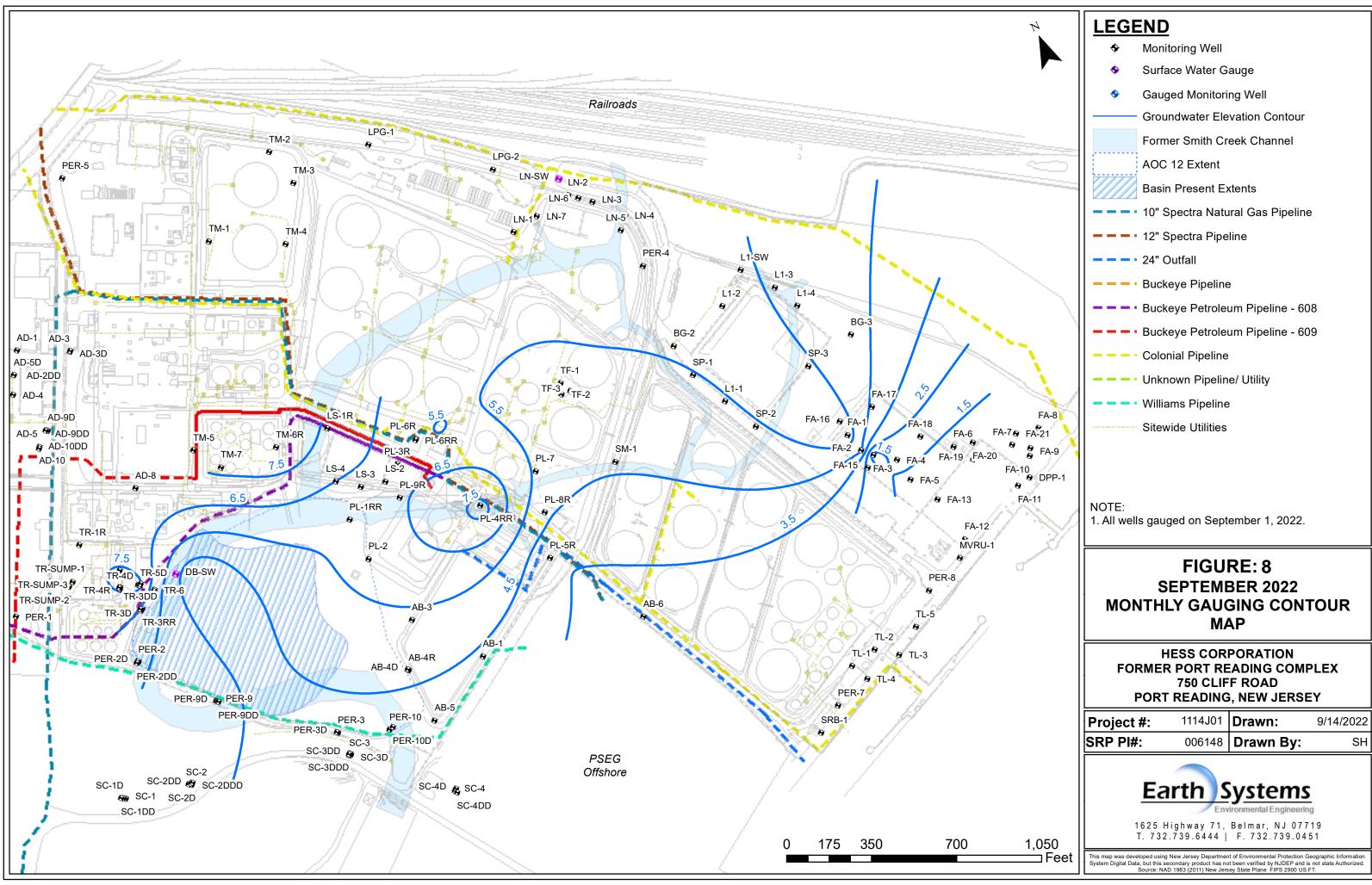


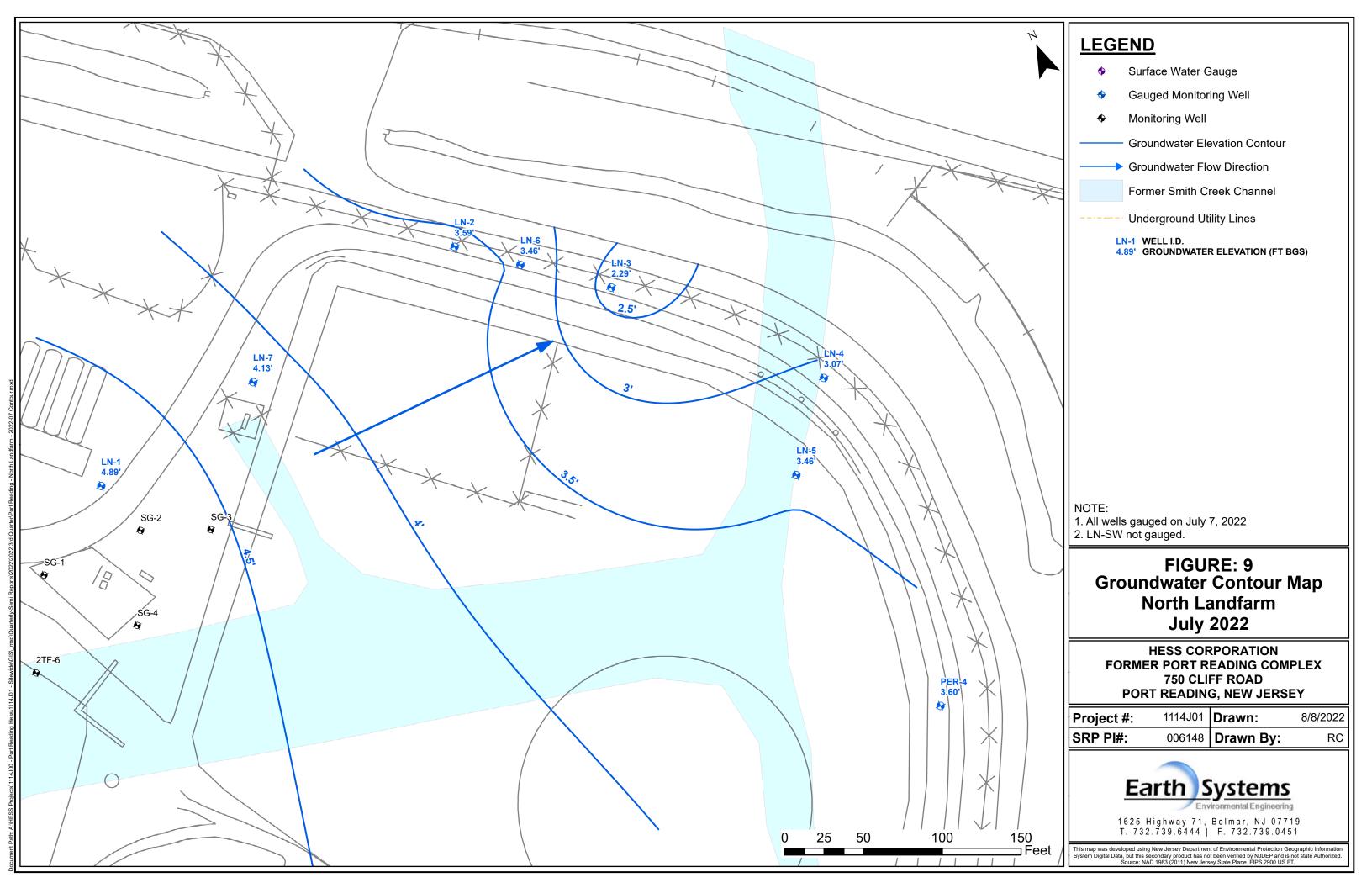


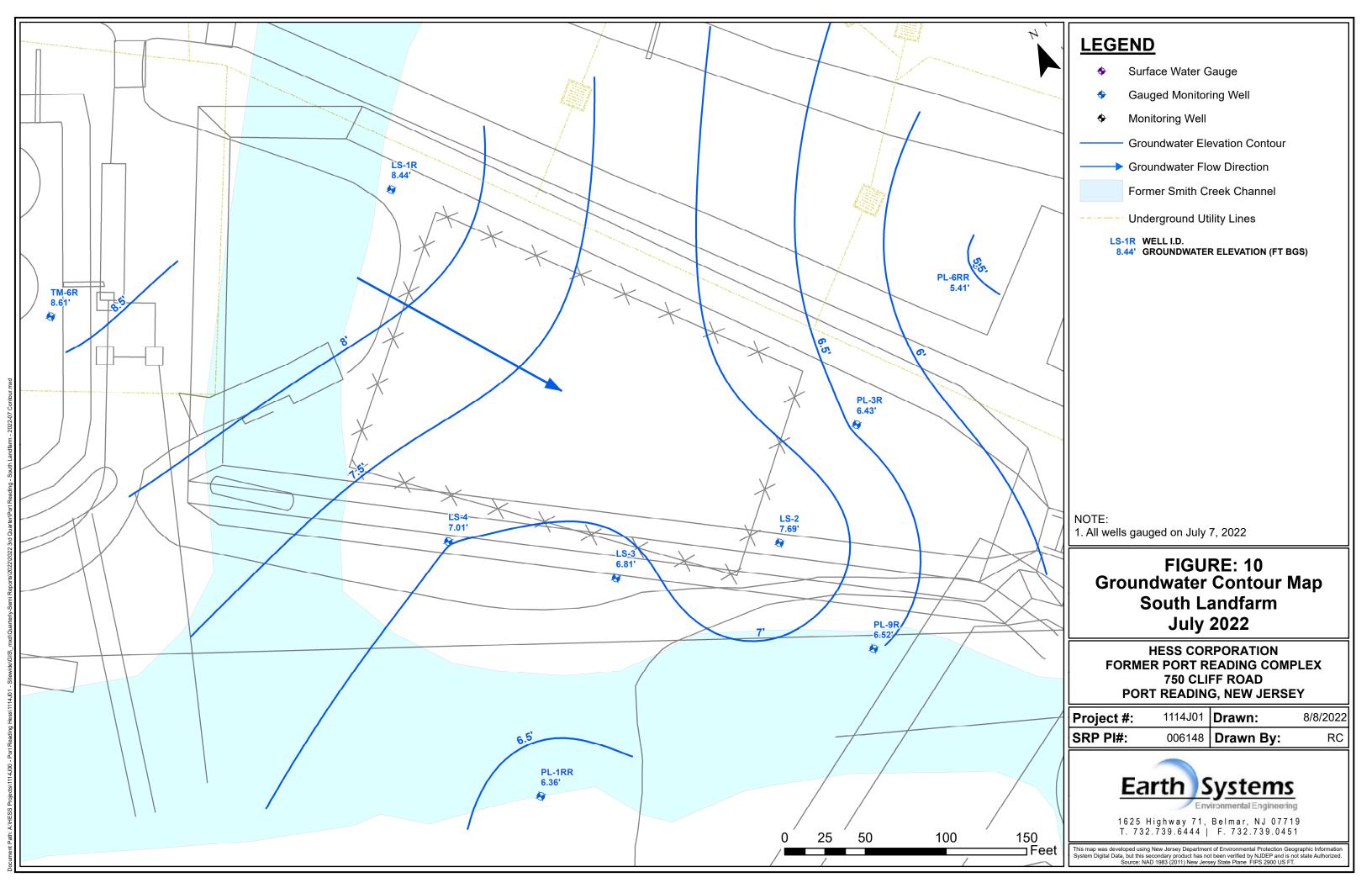


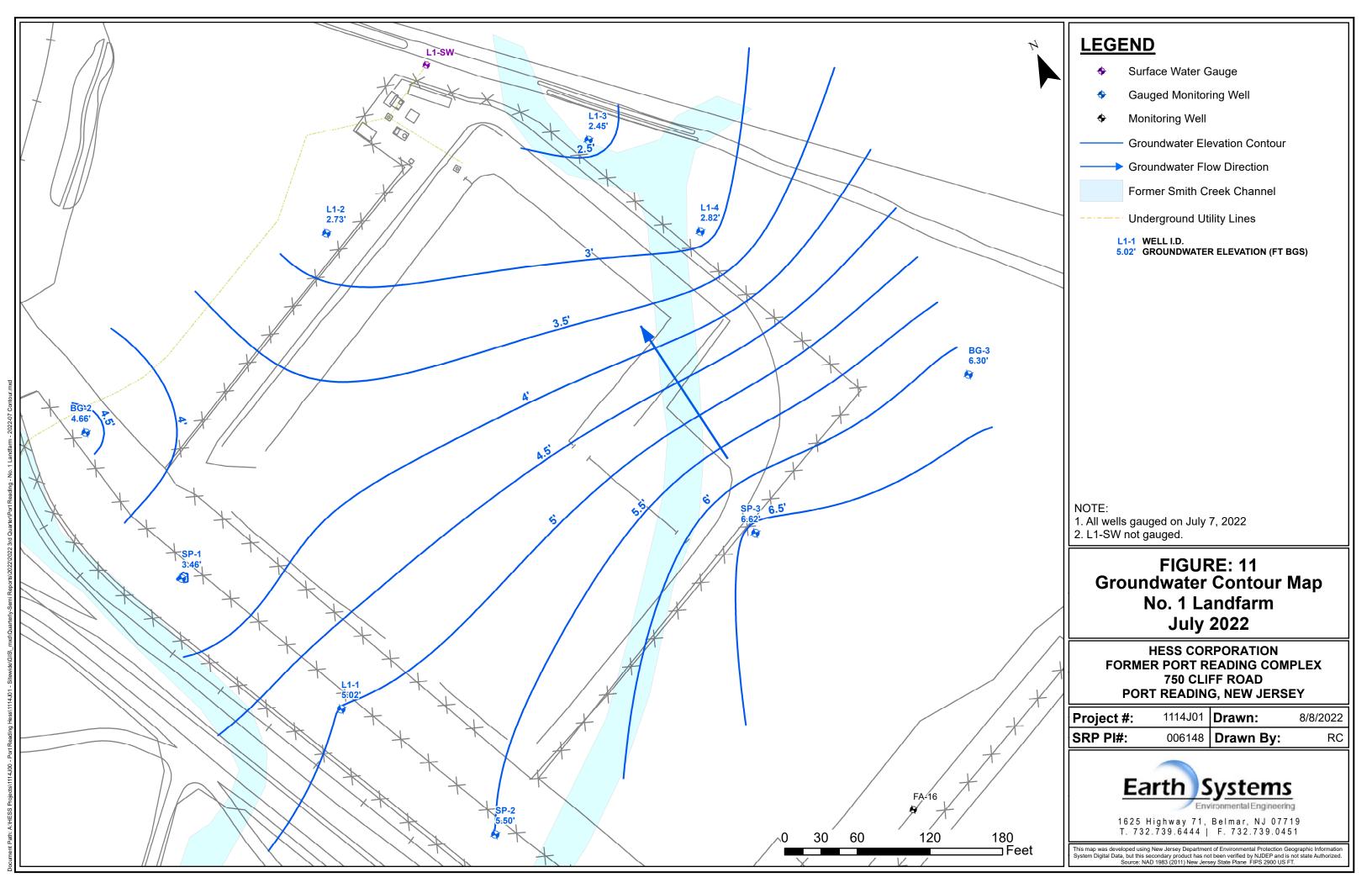


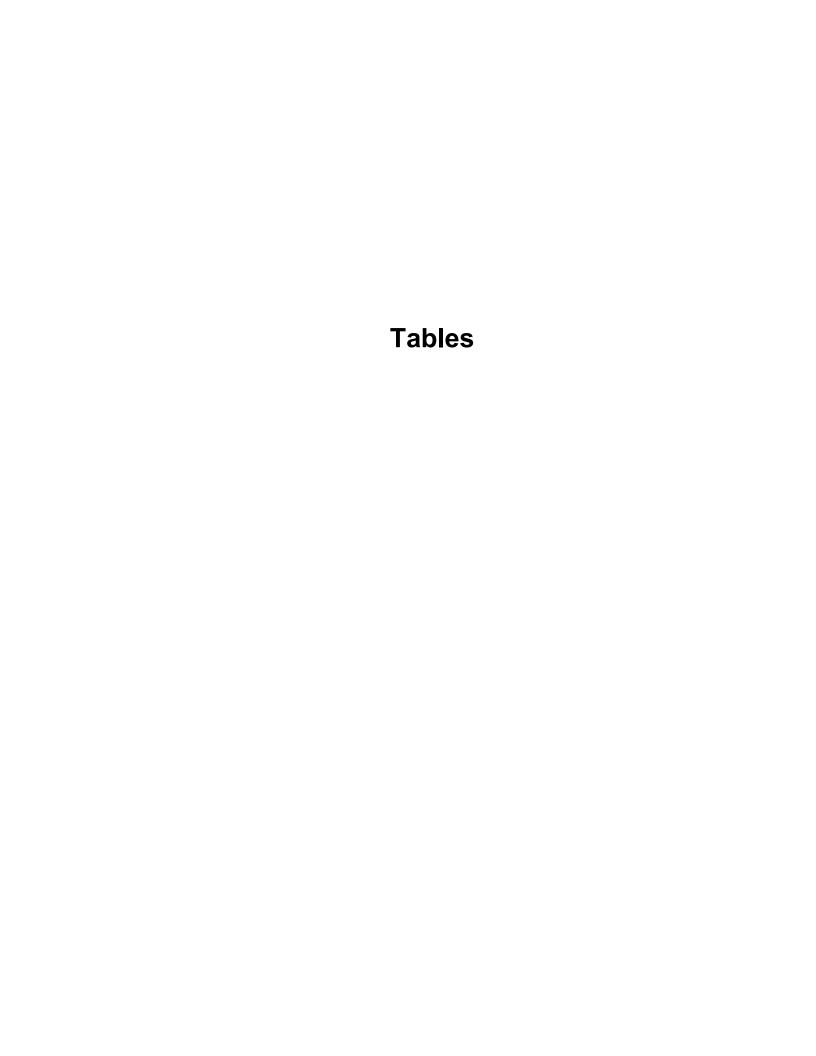












Groundwater Gauging Data												
Well I.D.	Date	Depth to LNAPL (ft)	Depth to Water (ft)	LNAPL Thicknes s (ft)	DTB from TOC (ft)	TOC Elevation (ft amsl)	Groundwater Elevation (ft amsl)	PID	Notes			
	7/7/2022	0.99	1.00	0.01	15.20	7.36	6.36	15.2	Sock 1/4 saturated			
	7/20/2022	-	1.48	-	15.20	7.36	5.88	39.2	Sock 1/4 saturated, replaced globules			
PL-1RR	8/4/2022	-	1.78	-	15.20	7.36	7.11	61.0	Sock 1/4 saturated, replaced globules			
	8/18/2022	-	2.12 1.80	-	15.00 14.90	7.36 7.36	5.24 5.56	32.8 12.8	Sock 1/2 saturated, replaced			
	9/1/2022 9/14/2022	-	0.4	-	14.90	7.36	6.96	7.2	Sock 1/2 saturated, replaced Sock 1/4 saturated, replaced			
	7/7/2022	4.32	4.39	0.07	17.40	9.58	5.19	13.7	Product in well, sock 1/4 saturated			
	7/20/2022	-	3.27	-	17.39	9.58	6.31	40.1	Sock 1/4 saturated, replaced globules			
D1 D	8/4/2022	-	3.63	-	16.86	9.58	5.95	17.7				
PL-2	8/18/2022	-	4.11	-	17.40	9.58	5.47	11.8				
	9/1/2022	-	3.52	-	17.40	9.58	6.06	45.8	Sock 1/4 saturated, replaced sock, sheen			
	9/14/2022	-	2.53	-	17.40	9.58	7.05	36.2	Sock 1/2 saturated, replaced			
	7/7/2022	-	3.73	-	19.30	10.16	6.43	1.0				
	7/20/2022 8/4/2022	-	3.78 3.93	-	19.30 19.30	10.16 10.16	6.38 6.23	29.7 35.5				
PL-3R	8/18/2022	-	4.18	-	19.10	10.16	5.98	0.0				
	9/1/2022	-	3.9	-	19.08	10.16	6.26	0.0				
	9/14/2022	-	3.52	-	19.09	10.16	6.64	49.8				
	7/7/2022	-	4.98	-	13.00	11.56	6.58	0.0				
	7/20/2022	-	4.53	-	13.00	11.56	7.03	0.0				
PL-4RR	8/4/2022	-	4.72	-	13.00	11.56	6.84	0.0				
	8/18/2022	-	5.52	-	13.00	11.56	6.04	0.0				
	9/1/2022 9/14/2022	-	3.68	-	13.00 13.00	11.56 11.56	7.88	0.0				
	7/7/2022	2.29	s 2.92	0.63	9.80	11.56 6.54	4.14	85.2	Sock fully saturated, replaced sock			
	7/20/2022	2.24	3.63	1.39	9.80	6.54	4.05	91.3	Sock fully saturated, replaced sock			
	8/4/2022	2.6	3.70	1.1	9.80	6.54	3.74	56.0	Sock fully saturated, replaced sock			
PL-5R	8/18/2022	3.1	3.99	0.89	9.80	6.54	3.28	0.0	Sock fully saturated, replaced sock			
	9/1/2022	2.89	3	0.11	9.80	6.54	3.63	0.0	Sock fully saturated, replaced sock			
	9/14/2022	1.28	2.90	1.62	9.80	6.54	4.97	224.3	Sock fully saturated, replaced sock			
	7/7/2022	-	1.47	-	15.10	6.88	5.41	0.0				
	7/20/2022	-	1.39	-	15.10	6.88	5.49	0.2				
PL-6RR	8/4/2022 8/18/2022	-	1.43 2.12	-	15.20 15.20	6.88	5.45 4.76	0.0				
	9/1/2022	-	1.45	-	15.20	6.88	5.43	0.0				
	9/14/2022	-	0.80	-	15.20	6.88	6.08	0.0				
	7/7/2022	-	3.06	-	15.01	8.41	5.35	0.0				
	7/20/2022	-	3.20	-	15.01	8.41	5.21	0.0				
PL-7R	8/4/2022	-	3.20	-	15.01	8.41	5.21	0.0				
12711	8/18/2022	-	3.43	-	15.01	8.41	4.98	0.0				
	9/1/2022	-	3.24	-	15.01	8.41	5.17	0.0				
	9/14/2022	-	2.58 4.98	-	15.01 22.40	8.41 9.91	5.83 4.93	0.0				
	7/7/2022 7/20/2022	-	5.24	-	22.40	9.91	4.93	0.0				
	8/4/2022	-	5.26	-	21.82	9.91	4.65	0.0				
PL-8R	8/18/2022	-	5.58	-	21.75	9.91	4.33	0.0				
	9/1/2022	-	5.19	-	21.75	9.91	4.72	0.0				
	9/14/2022	-	3.63	-	21.75	9.91	6.28	0.00				
	7/7/2022	-	2.59	-	20.47	9.11	6.52	0.1				
	7/20/2022	-	2.59	-	20.45	9.11	6.52	0.0				
PL-9R	8/4/2022	-	2.80	-	20.50 22.48	9.11	6.31	0.0				
	8/18/2022 9/1/2022	-	2.99	-	22.48	9.11 9.11	6.12 6.41	0.0				
	9/1/2022	-	1.79	<u> </u>	22.48	9.11	7.32	0.0				
	7/7/2022	-	3.20	-	12.10	8.60	5.40	15.4	Globules, sock 1/4 saturated			
	7/20/2022	-	3.24	-	12.10	8.60	5.36	6.3	Globules, sock 1/4 saturated			
TF-1	8/4/2022	-	3.17	-	12.10	8.60	5.43	61.3	Globules, sock 1/4 saturated			
11-1	8/18/2022	-	4.03	-	12.10	8.60	4.57	0.4	Globules, sock 1/4 saturated			
	9/1/2022	-	3.47	-	12.10	8.60	5.13	0.0	Globules, sock 1/4 saturated			
	9/14/2022	- 2.70	1.70	0.01	12.10	8.60	6.90	57.30	Globules, sock 1/4 saturated			
	7/7/2022	3.79	3.80	0.01	11.60	7.50 7.50	3.70	54.9 121.3	Sock 1/4 saturated, replaced			
	7/20/2022 8/4/2022	-	2.41	-	11.60 11.60	7.50	5.09 5.04	167.4	Sock 1/2 saturated, replaced Sock 3/4 saturated, replaced			
TF-2	8/4/2022	-	3.01	-	11.60	7.50	4.49	36.5	Sock 3/4 Saturated, replaced Sock 1/2 saturated, replaced			
	9/1/2022	-	2.8	-	11.60	7.50	4.70	22.2	Sock 1/4 saturated, replaced			
	9/14/2022	-	1.15	-	11.60	7.50	6.35	201.30	Sock 3/4 saturated, replaced			
	7/7/2022	-	2.37	-	11.97	8.58	6.21	0.0				
	7/20/2022	-	2.82	-	11.95	8.58	5.76	1.5				
TF-3	8/4/2022	-	3.00	-	12.00	8.58	5.58	0.4				
-	8/18/2022	-	3.71	-	11.95	8.58	4.87	0.0				
	9/1/2022	-	3.33	-	11.95	8.58	5.25	0.0				
	9/14/2022 7/7/2022	-	1.54 5.65	-	11.95 20.61	8.58 14.26	7.04 8.61	0.00 46.1	Sock 1/4 absorbed			
	7/20/2022	-	8.86	-	20.61	14.26	5.40	82.1	Sock 1/2 saturated, replaced			
	8/4/2022	-	6.01	-	20.75	14.26	8.25	66.5	Sock 1/2 absorbed			
TM-6R	8/18/2022	-	6.30	-	20.70	14.26	7.96	48.1				
	9/1/2022	-	5.83	-	20.70	14.26	8.43	23.8	Sock 1/4 absorbed			
	9/14/2022	-	5.23		20.70	14.26	9.03	77.8	Sock 1/4 saturated			
	7/7/2022	-	7.24	-	21.98	14.81	7.57	85.1	Sock 1/4 absorbed			
					24.00	14.01	7.53	127.2	0.14/0.1.1.1			
TM-7	7/20/2022 8/4/2022	-	7.28 7.28	-	21.98 21.98	14.81 14.81	7.53	127.2 114.2	Sock 1/2 saturated, replaced			

	8/18/2022	-	7.43	-	21.98
TM-7					
I IVI-7	9/1/2022	-	7.08	-	21.98
	0/14/2022	_	C 02		21.00
	9/14/2022	-	6.82		21.98
	7/7/2022	-	6.35	-	15.00
	7/20/2022	-	6.54	-	15.00
	8/4/2022	-	6.47	-	15.00
TR-1R			0.47		15.00
	8/18/2022	-	6.82	-	14.98
	9/1/2022	-	6.55	-	14.98
	9/14/2022	_	6.83		14.98
		-		-	
	7/7/2022	-	0.40	-	20.30
	7/20/2022	-	0.60	-	19.74
	8/4/2022	-	0.30	-	NM
TR-2R	0/4/2022		0.50		
	8/18/2022	-	0.75	-	19.75
	9/1/2022	-	0.25	-	19.75
	9/14/2022	-	_		19.75
		_			
	7/7/2022	-	3.00	-	15.10
		-			
	7/20/2022	-	3.13	-	15.00
	8/4/2022	-	3.28	-	14.90
TR-3RR					
	8/18/2022	-	3.43	-	15.00
	9/1/2022	-	3.28	-	15.00
	9/14/2022	-	3.10		15.00
	7/7/2022	-	2.86	-	24.90
l	7/20/2022	-	2.97	l -	24.91
				!	
TD 2D	8/4/2022	-	3.11	-	24.89
TR-3D		-	3.34	_	24.90
l	8/18/2022			-	
	9/1/2022	-	3.16	-	24.90
				i	
	9/14/2022	-	3.30	L	24.90
	7/7/2022	-		-	60.00
			3.68	<u> </u>	
l	7/20/2022	-	3.30		59.20
				l	
TD 200	8/4/2022	-	3.83	-	60.20
TR-3DD	8/18/2022	-		-	
		<u> </u>	4.03	<u> </u>	60.20
	9/1/2022	-	3.9	-	60.20
				l	
	9/14/2022	-	3.94	L	60.20
		-	3.69	-	13.50
	7/7/2022		5.09	<u> </u>	
	7/20/2022	-	-	-	13.61
				l	
TR-4R	8/4/2022	-	3.95	-	13.61
IR-4K	8/18/2022	_	4.10		13.61
	9/1/2022	-	3.88	-	13.61
	9/14/2022	-	-	-	13.61
	7/7/2022	-	5.38	-	24.60
			3.36	-	
	7/20/2022	-	-	-	24.00
TR-4D	8/4/2022	-	5.19	-	24.00
1K-4D	8/18/2022	-	5.36	_	24.00
	9/1/2022	-	5.11	-	24.00
	0/44/2022	_			
	9/14/2022	-	-	-	24.00
		-	5.64	-	
	7/7/2022	-	5.64	-	57.50
			5.64 5.75	-	
	7/7/2022 7/20/2022	-	5.75	-	57.50 56.70
TR-4DD	7/7/2022 7/20/2022 8/4/2022	-	5.75 5.87	-	57.50 56.70 56.70
TR-4DD	7/7/2022 7/20/2022	-	5.75	-	57.50 56.70
TR-4DD	7/7/2022 7/20/2022 8/4/2022 8/18/2022		5.75 5.87 6.08		57.50 56.70 56.70 56.70
TR-4DD	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/1/2022	- - -	5.75 5.87	-	57.50 56.70 56.70 56.70 56.70
TR-4DD	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/1/2022		5.75 5.87 6.08		57.50 56.70 56.70 56.70 56.70
TR-4DD	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/1/2022 9/14/2022	- - - -	5.75 5.87 6.08 5.78	- - - -	57.50 56.70 56.70 56.70 56.70 56.70
TR-4DD	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/1/2022 9/14/2022 7/7/2022	- - -	5.75 5.87 6.08		57.50 56.70 56.70 56.70 56.70
TR-4DD	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/1/2022 9/14/2022 7/7/2022	- - - -	5.75 5.87 6.08 5.78 - 3.89	- - - -	57.50 56.70 56.70 56.70 56.70 56.70 10.64
TR-4DD	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/1/2022 9/14/2022 7/7/2022 7/20/2022	-	5.75 5.87 6.08 5.78 - 3.89 4.10	- - - - -	57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.65
	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/1/2022 9/14/2022 7/7/2022	- - - - -	5.75 5.87 6.08 5.78 - 3.89	- - - -	57.50 56.70 56.70 56.70 56.70 56.70 10.64
TR-4DD	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/1/2022 9/14/2022 7/7/2022 7/20/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26	- - - - -	57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.65 10.68
	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/12/022 9/14/2022 7/7/2022 7/20/2022 8/4/2022 8/18/2022	-	5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30	- - - - -	57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.65 10.68
	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/12/022 9/14/2022 7/7/2022 7/20/2022 8/4/2022 8/18/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26	- - - - -	57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.65 10.68
	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/1/2022 9/14/2022 7/20/2022 8/4/2022 8/18/2022 9/1/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15	-	57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.65 10.68 10.68
	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/12/022 9/14/2022 7/7/2022 7/20/2022 8/4/2022 8/18/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30	-	57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.65 10.68
	7/7/2022 7/20/2022 8/4/2022 9/1/2022 9/1/2022 7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/1/2022 9/1/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15		57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.65 10.68 10.68 10.68
	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/1/2022 9/1/2022 7/7/2022 8/4/2022 8/18/2022 9/1/2022 9/1/2022 7/7/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 4.53 5.15	-	57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.65 10.68 10.68 10.68 23.40
	7/7/2022 7/20/2022 8/4/2022 9/1/2022 9/1/2022 7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/1/2022 9/1/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15		57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.65 10.68 10.68 10.68
	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/1/2022 9/1/2022 7/7/2022 8/4/2022 8/4/2022 8/4/2022 9/1/2022 9/1/2022 7/7/2022 7/7/2022 7/7/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 4.53 5.15 5.28		57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.65 10.68 10.68 10.68 23.40 23.31
TR-5	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/11/2022 9/11/2022 7/7/20/2022 8/4/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 7/7/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 4.53 5.15 5.28		57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.65 10.68 10.68 10.68 23.40 23.31 23.25
	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/11/2022 9/11/2022 7/7/20/2022 8/4/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 7/7/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 4.53 5.15 5.28		57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.65 10.68 10.68 10.68 23.40 23.31
TR-5	7/7/2022 7/20/2022 8/4/2022 8/48/2022 9/1/2022 9/1/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 9/1/2022 9/1/2022 7/20/2022 8/4/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 4.53 5.15 5.128 5.48		57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.65 10.68 10.68 23.40 23.31 23.25 23.30
TR-5	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/1/2022 9/1/2022 9/1/2022 7/7/2022 8/4/2022 8/4/2022 8/18/2022 9/1/2022 9/1/2022 7/20/2022 8/4/2022 8/4/2022 9/1/2022 7/20/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 4.53 5.15 5.28 5.48 5.53 5.3		57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30
TR-5	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/1/2022 9/1/2022 9/1/2022 7/7/2022 8/4/2022 8/4/2022 8/18/2022 9/1/2022 9/1/2022 7/20/2022 8/4/2022 8/4/2022 9/1/2022 7/20/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 4.53 5.15 5.28 5.48 5.53 5.3		57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30
TR-5	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/7/2022 8/4/2022 8/4/2022 8/18/2022 9/14/2022 7/7/20/2022 8/4/2022 9/14/2022 7/20/2022 8/4/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 4.53 5.15 5.28 5.48 5.53 5.3		57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30
TR-5	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/1/2022 9/1/2022 9/1/2022 7/7/2022 8/4/2022 8/4/2022 8/18/2022 9/1/2022 9/1/2022 7/20/2022 8/4/2022 8/4/2022 9/1/2022 7/20/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 4.53 5.15 5.28 5.48 5.53 5.3		57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30
TR-5	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/11/2022 9/11/2022 7/7/20/2022 8/18/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 8/18/2022 8/18/2022 8/18/2022 8/18/2022 8/18/2022 9/11/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 4.53 5.15 5.28 5.48 5.53 5.3 5.45 4.93		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30 60.00
TR-5	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/7/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/7/20/202 7/20/2022 7/20/2022 8/4/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.15 5.28 5.48 5.53 5.3 5.45 4.93 5.05		57.50 56.70 56.70 56.70 56.70 56.70 10.68 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30 23.30 60.00 59.30
TR-5	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/7/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/7/20/202 7/20/2022 7/20/2022 8/4/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.15 5.28 5.48 5.53 5.3 5.45 4.93 5.05		57.50 56.70 56.70 56.70 56.70 56.70 10.68 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30 23.30 60.00 59.30
TR-5	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/1/2022 9/14/2022 7/7/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/1/2022 7/7/20/2022 8/4/2022 7/7/20/2022 8/4/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.48 5.53 5.45 4.93 5.05 5.17		57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30 60.00 59.30
TR-5	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/7/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/7/20/202 7/20/2022 7/20/2022 8/4/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.15 5.28 5.48 5.53 5.3 5.45 4.93 5.05		57.50 56.70 56.70 56.70 56.70 56.70 10.68 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30 23.30 60.00 59.30
TR-5	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/11/2022 9/11/2022 7/20/2022 8/18/2022 9/11/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.48 5.3 5.45 4.93 5.05 5.17 5.20		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30 60.00 59.30 60.04
TR-5	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/11/2022 9/11/2022 7/20/2022 8/18/2022 8/18/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 8/18/2022 9/11/2022 8/18/2022 9/11/2022 8/18/2022 9/11/2022 8/18/2022 9/11/2022 8/18/2022 9/11/2022 8/18/2022 8/18/2022 9/11/2022 8/18/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.15 5.28 5.48 5.53 5.3 5.49 5.95 5.95 5.95 5.95		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 10.68 23.40 23.30 23.30 23.30 23.30 25.30 25.30 26.00 27
TR-5	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/11/2022 9/11/2022 7/20/2022 8/18/2022 9/11/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.48 5.3 5.45 4.93 5.05 5.17 5.20		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30 60.00 59.30 60.04
TR-5	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/7/2022 7/7/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/7/20/202 7/20/2022 8/4/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 8/18/2022 8/14/2022 8/14/2022 8/14/2022 8/14/2022 8/14/2022 8/14/2022 8/14/2022 8/14/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.15 5.28 5.49 5.49 5.53 5.3 5.45 5.51 5.53 5.53 5.51 5.78		57.50 56.70 56.70 56.70 56.70 56.70 10.68 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30 23.30 60.00 59.30 59.30 60.04 60.04
TR-5	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/1/2022 9/1/2022 9/1/2022 7/7/20/2022 8/4/2022 8/4/2022 8/4/2022 9/1/2022 9/1/2022 9/1/2022 7/7/20/2022 8/4/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/18/2022 9/1/2022 9/1/2022 9/1/2022		5.75 5.87 6.08 5.78 4.10 4.26 4.30 4.15 5.28 5.48 5.53 5.3 5.45 4.93 5.05 5.17 5.20 5.05 5.23 4.16		57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30 60.00 59.30 60.04 60.04 12.60
TR-5	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/1/2022 9/1/2022 9/1/2022 7/7/20/2022 8/4/2022 8/4/2022 8/4/2022 9/1/2022 9/1/2022 9/1/2022 7/7/20/2022 8/4/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/18/2022 9/1/2022 9/1/2022 9/1/2022		5.75 5.87 6.08 5.78 4.10 4.26 4.30 4.15 5.28 5.48 5.53 5.3 5.45 4.93 5.05 5.17 5.20 5.05 5.23 4.16		57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30 60.00 59.30 60.04 60.04 12.60
TR-5	7/7/2022 7/20/2022 8/4/2022 8/4/2022 8/18/2022 9/11/2022 9/11/2022 7/20/2022 8/18/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 8/18/2022 8/18/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.48 5.3 5.45 4.93 5.05 5.17 5.20 5.05 5.21 6.08		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 60.00 59.30 60.04 60.04 12.60
TR-5D	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/1/2022 9/1/2022 9/1/2022 7/7/20/2022 8/4/2022 8/4/2022 8/4/2022 9/1/2022 9/1/2022 9/1/2022 7/7/20/2022 8/4/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 9/1/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/18/2022 9/1/2022 9/1/2022 9/1/2022		5.75 5.87 6.08 5.78 4.10 4.26 4.30 4.15 5.28 5.48 5.53 5.3 5.45 4.93 5.05 5.17 5.20 5.05 5.23 4.16		57.50 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30 60.00 59.30 60.04 60.04 12.60
TR-5	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/20/2022 8/4/2022 7/20/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.15 5.28 5.48 5.53 5.45 4.93 5.05 5.17 5.20 5.05 5.17 5.23 4.14 4.68		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 10.68 23.40 23.30 23.30 23.30 23.30 60.00 59.30 59.30 60.04 60.04 12.60 12.60 13.00
TR-5D	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/7/2022 7/7/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/7/20/202 7/20/202 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/20/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.45 5.28 5.45 5.95 5.3 5.45 4.95 5.17 5.20 5.20 5.20 4.16 4.43 4.16 4.43 4.16 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.44 4.43 4.46 4.47 4.48 4.49		57.50 56.70 56.70 56.70 56.70 56.70 10.68 10.68 10.68 10.68 23.40 23.31 23.30 23.30 23.30 23.30 23.30 23.30 24.30 59.30 60.04 60.04 60.04 60.04 12.60 12.60 13.00 12.60
TR-5D	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/20/2022 8/4/2022 7/20/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.15 5.28 5.48 5.53 5.45 4.93 5.05 5.17 5.20 5.05 5.17 5.23 4.14 4.68		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 10.68 23.40 23.30 23.30 23.30 23.30 60.00 59.30 59.30 60.04 60.04 12.60 12.60 13.00
TR-5D	7/7/2022 7/20/2022 8/4/2022 8/14/2022 9/14/2022 9/14/2022 7/20/2022 8/18/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 7/20/2022 8/18/2022 8/18/2022 9/14/2022 9/14/2022 7/20/2022 8/18/2022 9/14/2022 7/20/2022 8/18/2022 9/14/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.48 5.53 5.3 5.45 4.93 5.05 5.17 5.20 5.05 5.23 4.16 4.43 4.68 4.93 4.96 4.81		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30 60.00 59.30 60.04 60
TR-5D	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/11/2022 9/11/2022 7/20/2022 8/18/2022 8/18/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 8/18/2022 8/18/2022 8/18/2022 8/18/2022 8/18/2022 9/11/2022 7/20/2022 8/18/2022 8/18/2022 8/18/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.45 5.28 5.45 5.95 5.3 5.45 4.95 5.17 5.20 5.20 5.20 4.16 4.43 4.16 4.43 4.16 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.43 4.44 4.43 4.46 4.47 4.48 4.49		57.50 56.70 56.70 56.70 56.70 56.70 10.68 10.68 10.68 10.68 23.40 23.31 23.30 23.30 23.30 23.30 23.30 23.30 24.30 59.30 60.04 60.04 60.04 60.04 12.60 12.60 13.00 12.60
TR-5D	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/11/2022 9/11/2022 7/20/2022 8/18/2022 8/18/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 8/18/2022 8/18/2022 8/18/2022 8/18/2022 8/18/2022 9/11/2022 7/20/2022 8/18/2022 8/18/2022 8/18/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022 9/11/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 4.53 5.15 5.28 5.48 5.53 5.49 5.95 5.95 5.17 5.20 5.05 5.17 5.23 4.16 4.30 4.93 4.93 4.93 4.93 4.93 4.93 4.93 4.94 4.95 4.93 4.93 4.93 4.94 4.95 4.93 4.93 4.93 4.93 4.94 4.95 4.93 4.94 4.93 4.9		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 60.00 59.30 60.04 60.04 60.04 12.60 12.60 12.60 12.60 12.60
TR-5D	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/20/2022 8/4/2022 7/20/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.45 5.3 5.45 5.3 5.45 5.95 5.17 5.05 5.17 5.23 4.16 4.46 4.81 4.96 4.81 4.96 4.81		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.30 23.30 23.30 23.30 60.00 59.30 60.00 60.04 12.60 12.60 12.60 12.60 12.60 12.60 28.20
TR-5D	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/20/2022 8/4/2022 7/20/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 4.53 5.15 5.28 5.48 5.53 5.49 5.95 5.95 5.17 5.20 5.05 5.17 5.23 4.16 4.30 4.93 4.93 4.93 4.93 4.93 4.93 4.93 4.94 4.95 4.93 4.93 4.93 4.94 4.95 4.93 4.93 4.93 4.93 4.94 4.95 4.93 4.94 4.93 4.9		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.30 23.30 23.30 23.30 60.00 59.30 60.00 60.04 12.60 12.60 12.60 12.60 12.60 12.60 28.20
TR-5D TR-5DD	7/7/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/7/2022 7/7/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022		5.75 5.87 6.08 5.78		57.50 56.70 56.70 56.70 56.70 56.70 10.68 10.68 10.68 10.68 23.40 23.31 23.30 23
TR-5D TR-5DD TR-6	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/20/2022 8/4/2022 7/20/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.45 5.3 5.45 5.3 5.45 5.95 5.17 5.05 5.17 5.23 4.16 4.46 4.81 4.96 4.81 4.96 4.81		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.30 23.30 23.30 23.30 60.00 59.30 60.00 60.04 12.60 12.60 12.60 12.60 12.60 12.60 28.20
TR-5D TR-5DD	7/7/2022 7/20/2022 8/4/2022 8/14/2022 9/14/2022 9/14/2022 7/20/2022 8/18/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 8/18/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 8/18/2022 9/14/2022 8/18/2022 9/14/2022 8/18/2022 9/14/2022 8/14/2022 8/16/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.48 5.53 5.45 4.93 5.05 5.17 5.20 5.05 4.16 4.43 4.68 4.94 4.26 4.28 4.42 4.60		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 23.40 23.31 23.25 23.30 60.00 59.30 59.30 60.04 60.04 60.04 12.60 12.60 12.60 12.60 28.20 29.30
TR-5D TR-5DD TR-6	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/11/2022 9/11/2022 7/20/2022 8/18/2022 8/18/2022 8/18/2022 9/11/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.48 5.53 5.3 5.49 5.05 5.17 5.20 4.06 4.43 4.68 4.96 4.81 4.26 4.28 4.42 4.42 4.42 5.02		\$7.50 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$10.64 \$10.68 \$10.68 \$10.68 \$10.68 \$10.68 \$23.40 \$23.30
TR-5D TR-5DD TR-6	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/11/2022 9/11/2022 7/20/2022 8/18/2022 8/18/2022 8/18/2022 9/11/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.48 5.53 5.3 5.49 5.05 5.17 5.20 4.06 4.43 4.68 4.96 4.81 4.26 4.28 4.42 4.42 4.42 5.02		\$7.50 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$10.64 \$10.68 \$10.68 \$10.68 \$10.68 \$10.68 \$23.40 \$23.30
TR-5D TR-5DD TR-6	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/7/20/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.48 5.53 5.3 5.45 5.3 5.49 4.10 4.26 4.40 4.40 4.40 4.40 4.40 4.40 4.40 4.81 4.26 4.28 4.42 4.60 5.02 4.78		\$7.50 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$10.68 \$10.68 \$10.68 \$10.68 \$10.68 \$10.68 \$23.40 \$23.30 \$23.30 \$23.30 \$23.30 \$23.30 \$23.30 \$60.00 \$59.30 \$59.30 \$60.04 \$60.04 \$12.60 \$12.60 \$12.60 \$12.60 \$12.60 \$28.20
TR-5D TR-5DD TR-6	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/11/2022 9/11/2022 7/20/2022 8/18/2022 8/18/2022 8/18/2022 9/11/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.48 5.53 5.3 5.49 5.05 5.17 5.20 4.06 4.43 4.68 4.96 4.81 4.26 4.28 4.42 4.42 4.42 5.02		\$7.50 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$10.64 \$10.68 \$10.68 \$10.68 \$10.68 \$10.68 \$23.40 \$23.30
TR-5D TR-5DD TR-6	7/7/2022 7/20/2022 8/4/2022 8/14/2022 9/14/2022 9/14/2022 7/20/2022 8/18/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 8/18/2022 9/14/2022		5.75 5.87 6.08 5.78		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 10.68 23.40 23.31 23.25 23.30 60.00 59.30 60.04 60
TR-5D TR-5DD TR-6	7/7/2022 7/20/2022 8/4/2022 8/18/2022 9/11/2022 9/11/2022 9/11/2022 8/18/2022 8/18/2022 8/18/2022 9/11/2022 9/11/2022 9/11/2022 8/18/2022 8/18/2022 8/18/2022 8/18/2022 8/18/2022 8/18/2022 8/18/2022 8/18/2022 8/18/2022 9/11/2022 8/18/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 4.53 5.15 5.28 5.48 5.53 5.3 5.45 5.20 5.05 5.21 4.16 4.28 4.42 4.60 5.02 4.78 4.57 5.36		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 10.68 23.40 23.31 23.25 23.30 60.00 59.30 59.30 60.04 60.04 12.60 12.70 12
TR-5D TR-5DD TR-6	7/7/2022 7/20/2022 8/4/2022 8/14/2022 9/14/2022 9/14/2022 7/20/2022 8/18/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 8/18/2022 9/14/2022		5.75 5.87 6.08 5.78		57.50 56.70 56.70 56.70 56.70 56.70 56.70 10.64 10.68 10.68 10.68 10.68 23.40 23.31 23.25 23.30 60.00 59.30 60.04 60
TR-5D TR-5DD TR-6	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/7/20/2022 8/4/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/20/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.48 5.53 5.45 5.23 5.45 4.93 5.05 5.17 5.20 4.16 4.68 4.96 4.81 4.26 4.28 4.42 4.60 5.02 4.78 4.57 5.36		\$7.50 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$10.64 \$10.68 \$10.68 \$10.68 \$10.68 \$10.68 \$10.68 \$23.40 \$23.30 \$23.30 \$23.30 \$23.30 \$23.30 \$23.30 \$60.00 \$59.30 \$60.00 \$60.00 \$60.00 \$60.00 \$60.00 \$10.60
TR-5D TR-5DD TR-6D	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/7/20/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.49 5.33 5.45 5.31 5.45 4.93 4.16 4.43 4.64 4.81 4.96 4.81 4.28 4.42 4.60 5.02 4.78 4.57 5.36 5.33 5.33		57.50 56.70 56.70 56.70 56.70 56.70 10.68 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30 23.30 23.30 60.00 59.30 59.30 60.04 60.04 12.60 12
TR-5D TR-5DD TR-6	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/7/20/2022 8/4/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.48 5.53 5.45 5.23 5.45 4.93 5.05 5.17 5.20 4.16 4.68 4.96 4.81 4.26 4.28 4.42 4.60 5.02 4.78 4.57 5.36		\$7.50 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$6.70 \$10.64 \$10.68 \$10.68 \$10.68 \$10.68 \$10.68 \$10.68 \$23.40 \$23.30 \$23.30 \$23.30 \$23.30 \$23.30 \$23.30 \$60.00 \$59.30 \$60.00 \$60.00 \$60.00 \$60.00 \$60.00 \$10.60
TR-5D TR-5DD TR-6D	7/7/2022 7/20/2022 8/4/2022 8/4/2022 9/14/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/7/20/2022 8/4/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 9/14/2022 7/20/2022 8/4/2022 8/4/2022 8/4/2022 8/4/2022 9/14/2022 7/20/2022		5.75 5.87 6.08 5.78 - 3.89 4.10 4.26 4.30 4.15 5.28 5.49 5.33 5.45 5.31 5.45 4.93 4.16 4.43 4.64 4.81 4.96 4.81 4.28 4.42 4.60 5.02 4.78 4.57 5.36 5.33 5.33		57.50 56.70 56.70 56.70 56.70 56.70 10.68 10.68 10.68 10.68 23.40 23.31 23.25 23.30 23.30 23.30 23.30 60.00 59.30 59.30 60.04 60.04 12.60 12

	0/11/0000								
	9/14/2022	-	5.25		7.30	12.62	7.37	0.0	
	7/7/2022	-	5.07	-	7.20	12.35	7.28	0.0	
	7/20/2022	-	5.02	-	7.20	12.35	7.33	0.0	
	8/4/2022	-	5.05	-	7.20	12.35	7.30	1.5	
TR-Sump-2	8/18/2022	-	5.30	-	7.20	12.35	7.05	0.0	
	9/1/2022	-	5.06	-	7.20	12.35	7.29	0.0	
	9/14/2022	-	4.95		7.20	12.35	7.40	0.0	
	7/7/2022	-	1.15	-	5.00	-	-	3.3	Intermittent sheen on top of water. No measurable product.
	7/20/2022	-	0.80	-	5.00	-	-	25.5	Intermittent sheen on top of water. No measurable product.
Interceptor	8/4/2022	-	1.00	-	5.00	-	_	7.5	
							-		Intermittent sheen on top of water. No measurable product.
Trench	8/18/2022	-	1.50	-	5.00	-	-	8.8	Intermittent sheen on top of water. No measurable product.
	9/1/2022	-	1.50	-	5.00	-	-	12.8	Intermittent sheen on top of water. No measurable product.
	9/14/2022	-	1	-	5.00	-	-	0.0	Intermittent sheen on top of water. No measurable product.
	7/7/2022	_	7.00	-	-	1.08	5.92	NM	
			6.60			1.08	5.52	NM	
	7/20/2022	-		-	-				
DB-SW	8/4/2022	-	5.80	-	-	1.08	4.72	NM	
DD 344	8/18/2022	-	5.60	-	-	1.08	4.52	NM	
	9/1/2022	-	4.75	-	-	1.08	3.67	NM	
	9/14/2022	_	5.8			1.08	4.72	NM	
	7/7/2022		2.80			-0.31	3.11	NM	
		-		-	_				
	7/20/2022	-	2.80	-	-	-0.31	3.11	NM	
1.51.6147	8/4/2022	-	2.60	-	-	-0.31	2.91	NM	
LN-SW	8/18/2022	-	2.60	-	-	-0.31	2.91	NM	
	9/1/2022	-	2.60	-	-	-0.31	2.91	NM	
		-		-	-				
	9/14/2022		2.6	ļ		-0.31	2.91	NM	
	7/7/2022		NM			-0.20	-	NM	Due to construction cannot read gauge
	7/20/2022	-	NM	-	-	-0.20	-	NM	Due to construction cannot read gauge
	8/4/2022	-	NM	-	-	-0.20	-	NM	Due to construction cannot read gauge
L1-SW	8/18/2022	-	NM	-	-	-0.20	-	NM	Due to construction cannot read gauge Due to construction cannot read gauge
	9/1/2022	-	NM	-	-	-0.20	-	NM	Due to construction cannot read gauge
	9/14/2022	-	NM	<u> </u>	L	-0.20		NM	Due to construction cannot read gauge
	7/7/2022	-	NM	-	-	-0.98	-	NM	Could not read - covered in dirt
	7/20/2022	-	NM	-	-	-0.98	-	NM	Could not read - covered in dirt
		-		-	-		-		
SC-SG-1	8/4/2022		NM			-0.98		NM	Could not read - covered in dirt
	8/18/2022	-	NM	-	-	-0.98	-	NM	Could not read - covered in dirt
	9/1/2022	-	NM	-	-	-0.98	-	NM	Could not read - covered in dirt
	9/14/2022	-	NM	-	-	-0.98	-	NM	Could not read - covered in dirt
	7/7/2022	-	NM	-		-1.10		NM	
					-		-		Stream Gauge destroyed
	7/20/2022	-	NM	-	-	-1.10	-	NM	Stream Gauge destroyed
66.66.44	8/4/2022	-	NM	-	-	-1.10	-	NM	Stream Gauge destroyed
SC-SG-1A	8/18/2022	-	NM	-	-	-1.10	-	NM	Stream Gauge destroyed
	9/1/2022	-	NM	-	-	-1.10	_	NM	Stream Gauge destroyed
	9/14/2022	-	NM	-	-	-1.10	-	NM	Stream Gauge destroyed
	7/7/2022	-	NM	-	-	-1.64	-	NM	Stream Gauge destroyed
	7/20/2022	-	NM	-	-	-1.64	-	NM	Stream Gauge destroyed
	8/4/2022	-	NM	-	-	-1.64	-	NM	Stream Gauge destroyed
SC-SG-2			NM			-1.64		NM	
	8/18/2022	-		-	-		-		Stream Gauge destroyed
	9/1/2022	-	NM	-	-	-1.64	-	NM	Stream Gauge destroyed
	9/14/2022	-	NM	-	-	-1.64	-	NM	Stream Gauge destroyed
	7/7/2022	-	3.63	-	12.25	9.67	6.04	0.0	
	7/20/2022	-	4.13	-	12.05	9.67	5.54	0.0	
	8/4/2022	_		_					
FA-1			4.46		12.00	9.67	5.21	0.0	
	8/18/2022	-	4.75	-	12.10	9.67	4.92	0.0	
	9/1/2022	-	3.73	-	12.10	9.67	5.94	0.0	
	9/14/2022	-	4.16		12.10	9.67	5.51	0.0	
	7/7/2022	-	4.73		13.60	10.39	5.66	0.0	
				-					
	7/20/2022	-	5.55	-	13.40	10.39	4.84	0.0	
FA-2	8/4/2022	-	6.03	-	13.40	10.39	4.36	0.0	
175-2	8/18/2022	-	6.25		13.41	10.39	4.14	0.0	
	9/1/2022	-	5.65	-	13.41	10.39	4.74	0.0	
	9/14/2022	-	6.08		13.41	10.39	4.31	0.0	
			8.94	-					Cock 1 / A - h
	7/7/2022	-		-	14.60	10.84	1.90	31.5	Sock 1/4 absorbed
	7/20/2022	-	9.13	-	14.50	10.84	1.71	10.2	Sock 1/2 saturated, replaced
FA-3	8/4/2022		10.34		14.50	10.84	0.50	6.9	
FA-3	8/18/2022	-	10.45	-	14.50	10.84	0.39	4.8	Sock 1/4 absorbed
	9/1/2022	-	9.75	-	14.50	10.84	1.09	3.4	Sock 1/4 saturated, replaced
	9/14/2022	-	9.05		14.50	10.84	1.79	1.4	Sock 1/4 saturated
									SOUR 1/4 Saturated
	7/7/2022	-	9.20	-	14.50	10.98	1.78	0.0	
	7/20/2022	-	9.33	-	14.50	10.98	1.65	2.2	
	8/4/2022	-	9.48	-	14.40	10.98	1.50	29.8	
FA-4	8/18/2022	-	9.62	-	14.97	10.98	1.36	0.0	
	9/1/2022	-	9.20	-	14.90	10.98	1.78	0.0	
	9/14/2022	-	9.17	-	14.90	10.98	1.81	0.0	
	7/7/2022	6.5	6.70	0.2	14.50	10.22	3.52	46.2	Sock fully saturated, replaced
	7/20/2022		7.43		14.50	10.22	2.79	58.6	Sock fully saturated, replaced sock
	8/4/2022		6.57		14.50	10.22	3.65	63.0	Sock 1/2 saturated, replaced
FA-5		-		 					
	8/18/2022	ļ	6.79		14.50	10.22	3.43	49.4	Sock 1/2 saturated, replaced
	9/1/2022	6.41	6.45	0.04	14.50	10.22	3.77	65.3	Sock fully saturated, replaced sock
	9/14/2022	-	6.9	-	14.50	10.22	3.32	19.2	Sock 1/2 saturated, replaced
	7/7/2022	-	10.42	-	18.20	12.13	1.71	0.7	,,,,,,

	7/20/2022	-	10.38	-	18.20	12.13	1.75	6.5	added sock
		-	10.81	-	18.10	12.13	1.32	1.7	Sock 1/4 saturated, replaced
E∧-€	8/4/2022						1.10	4.5	
FA-6		-	11.03	-	18.10	12.13			SOCK 1/4 Saturated, replaced
FA-6	8/18/2022		11.03		18.10	12.13			Sock 1/4 saturated, replaced
FA-6	8/18/2022 9/1/2022	-	10.97	-	18.10	12.13	1.16	0.0	Sock 1/4 saturated, replaced
FA-6	8/18/2022								

	7/20/2022	-	9.40	-	18.00	10.14	0.74	0.0	
FA-7	8/4/2022		9.53		18.00	10.14	0.61	0.0	
	8/18/2022	-	9.83	-	18.15	10.14	0.31	0.0	
	9/1/2022		9.63		18.15	10.14	0.51	0.0	
	9/14/2022	-	8.43		18.15	10.14	1.71	0.0	
	7/7/2022	-	9.37	-	15.00	11.33	1.96	0.20	
	7/20/2022	-	9.47	-	15.00	11.33	1.86	1.6	added sock
FA 14	8/4/2022	-	9.74	-	15.00	11.33	1.59	0.6	
FA-14	8/18/2022	-	10.04	-	15.00	11.33	1.29	0.0	
	9/1/2022		9.58		15.00	11.33	1.75	0.0	
	9/14/2022	-	9.4	-		11.33	1.93	0.0	
	7/7/2022	-	9.09	-	15.00	11.29	2.20	0.3	
	7/20/2022	-	9.24	-	15.00	11.29	2.05	0.2	
FA 1F	8/4/2022	-	9.47	-	15.00	11.29	1.82	0.4	
FA-15	8/18/2022	-	9.70	-	15.00	11.29	1.59	0.0	
	9/1/2022		9.57		15.00	11.29	1.72	0.0	
	9/14/2022	-	9.32	-	15.00	11.29	1.97	0.0	

Table 2 Quarterly Landfarms Monitoring Well Gauging Data Hess Corporation - Former Port Reading Complex 750 Cliff Road Port Booding Middlesox County New Jorgey

			Groundwater	Gauging Data			
Well I.D.	Date	Depth to LNAPL	Depth to Water	DTB from TOC	TOC Elevation	Water Elevation	PID
LN-SW	7/7/2022	-	2.80	NA	-0.31	3.11	NA
LN-1	7/7/2022	-	5.48	14.86	10.37	4.89	1.4
LN-2	7/7/2022	-	6.06	12.00	9.65	3.59	0.0
LN-3	7/7/2022	-	6.63	13.12	8.92	2.29	0.5
LN-4	7/7/2022	-	7.62	15.20	10.69	3.07	0.0
LN-5	7/7/2022	-	7.11	17.55	10.57	3.46	0.0
LN-6	7/7/2022	-	8.69	17.80	12.15	3.46	0.0
LN-7	7/7/2022	-	9.17	17.90	13.30	4.13	0.0
PER-4	7/7/2022	-	6.70	16.45	10.30	3.60	0.0
LPG-2	7/7/2022	-	2.13	9.60	7.05	NA	0.0
DB-SW	7/7/2022	-	7.00	NA	-0.11	7.11	NA
LS-1R	7/7/2022	-	3.81	15.75	12.25	8.44	0.0
LS-2	7/7/2022	-	2.06	12.00	9.75	7.69	0.0
LS-3	7/7/2022	-	1.59	12.60	8.40	6.81	0.0
LS-4	7/7/2022	-	2.27	13.13	9.28	7.01	0.0
TM-6R	7/7/2022	-	5.65	19.80	14.26	8.61	46.1
PL-1RR	7/7/2022	0.99	1.00	14.70	7.36	6.36	15.2
PL-3R	7/7/2022	-	3.73	18.80	10.16	6.43	1.0
PL-6RR	7/7/2022	-	1.47	15.00	6.88	5.41	0.0
PL-9R	7/7/2022	-	2.59	19.90	9.11	6.52	0.1
L1-SW	7/7/2022	-	NM	NA	-0.20	NA	NA
L1-1	7/7/2022	-	4.89	NM	9.91	5.02	0.0
L1-2	7/7/2022	-	6.32	14.90	9.05	2.73	0.0
L1-3	7/7/2022	-	6.88	10.90	9.33	2.45	0.0
L1-4	7/7/2022	-	8.03	10.95	10.85	2.82	0.0
BG-2	7/7/2022	-	2.30	9.20	6.96	4.66	0.0
BG-3	7/7/2022	-	4.01	10.70	10.31	6.30	0.0
SP-1	7/7/2022	-	5.49	NM	8.95	3.46	0.0
SP-2	7/7/2022	-	4.68	NM	10.18	5.50	0.0
SP-3	7/7/2022	-	2.71	16.90	9.33	6.62	0.0

*Anomalous measurement/not used in contour figure

LNAPL - Light non Aqueous Phase Liquids

NA - Not Applicable

All Measurements are in feet

DTB - Depth to Bottom

TOC - Top of Casing NM - Not Measured

Table 3 Monitoring Well Gauging Table - Historic LNAPL Hess Corporation - Former Port Reading Complex 750 Cliff Road Port Reading, Middlesex County, New Jersey Third Quarter

Third Quarter				2015						2016		
	July	IRM Actions	August	IRM Actions	September	IRM Actions	July	IRM Actions	August	IRM Actions	September	IRM Actions
FA-3	NI	NA	NI	NA	NI	NA	NI	NA	NI	NA	NI	NA
FA-5	NI	NA	NI	NA	NI	NA	NI	NA	NI	NA	NI	NA
PL-1RR	0.01	Sock deployed	0.01	Sock deployed	0.17	Sock Deployed	Sheen	NA	Sheen	NA	Sheen	NA
PL-2	0.02	Sock deployed	0.02	Sock deployed	0.04	Sock Deployed	0.00	NA	0.00	NA	0.00	NA
PL-5/PL-5R	NM	NA	NM	NA	NM	NA	NA	NA	NA	NA	NA	NA
PL-8R	0.00	NA	0.00	NA	0.00	NA	NA	NA	NA	NA	NA	NA
PL-9R	Sheen	NA	Sheen	NA	Sheen	NA	0.00	NA	0.00	NA	0.00	NA
TF-1	NM	NA	NM	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
TF-2	NM	NA	NM	NA	NM	NA	0.50	Sock deployed	0.38	Sock deployed	0.28	Sock deployed
TF-3	NM	NA	0.00	NA	0.00	NA	Sheen	NA	0.00	NA	0.00	NA
TM-6R	NM	NA	NM	NA	NM	NA	0.00	NA	0.00	NA	0.00	NA
TM-7	0.05	Sock deployed	0.07	Sock deployed	0.01	Sock Deployed	0.05	Sock deployed	Sheen	NA	0.00	NA
TR-2R	0.01	Sock deployed	0.01	Sock deployed	0.02	Sock Deployed	0.03	Sock deployed	<0.1	Sock deployed	0.00	NA
TR-4R	0.00	NA	0.00	NA	0.00	NA	Sheen	NA	NM	NA	0.00	NA
TR-4DD	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
TR-6	0.01	Sock deployed	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
TR-6D	0.02	Sock deployed	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
rceptor Trench	NM	NA	NM	NA	NM	NA	NA	NA	NA	NA	NA	280 Gallons Removed

Third Quarter				2017						2018		
	July	IRM Actions	August	IRM Actions	September	IRM Actions	July	IRM Actions	August	IRM Actions	September	IRM Actions
FA-3	NI	NA	NI	NA	NI	NA	NI	NA	NI	NA	NI	NA
FA-5	NI	NA	NI	NA	NI	NA	NI	NA	NI	NA	NI	NA
PL-1RR	0.01	NA	Sheen	NA	Sheen	NA	0.00	NA	0.00	NA	0.00	NA
PL-2	Sheen	Socky Deployed	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
PL-5/PL-5R	NM	NA	Sheen	NA	Sheen	NA	1.50	Socky Deployed	1.35	Socky Deployed	1.75	Socky Deployed
PL-8R	NM	NA	0.00	NA	0.00	NA	0.01	Socky Deployed	0.00	NA	0.00	NA
PL-9R	0.00	NA	0.00	0.00	NA	0.00	0.00	NA	0.00	NA	0.00	NA
TF-1	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
TF-2	0.01	Socky Deployed	0.00	NA	0.01	Sock Deployed	0.00	NA	Sheen	NA	0.00	NA
TF-3	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
TM-6R	0.00	NA	0.00	NA	0.00	NA	0.00	NA	Sheen	NA	Sheen	NA
TM-7	Sheen	NA	0.00	NA	0.00	NA	0.00	NA	Sheen	NA	Sheen	NA
TR-2R	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
TR-4R	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
TR-4DD	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
TR-6	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
TR-6D	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
Interceptor Trench	0.5	NA	Indeterminable	NA	Indeterminable	NA	NA	NA	NA	857 Gallons Removed	NA	2018 Gallons Removed

Third Quarter				2019					20	020		
	July	IRM Actions	August	IRM Actions	September	IRM Actions	July	IRM Actions A	ugust	IRM Actions	September	IRM Actions
FA-3	NI	NA	NI	NA	NI	NI	0.00	NA	0.00	NA	0.00	NA
FA-5	NI	NA	NI	NA	NI	NI	Sheen	Sock deployed S	heen	Sock deployed	Sheen	Sock deployed
PL-1RR	indeterminable	Sock deployed	NA	NA	Globules	Sock deployed	Sheen	Sock deployed S	heen	Sock deployed	Sheen	Sock deployed
PL-2	0.00	NA	NA	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
PL-5/PL-5R	indeterminable	Sock deployed	NA	NA	NM	NA	indeterminable	Sock deployed	0.70	Sock deployed	0.25	Sock deployed
PL-8R	0.00	NA	NA	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
PL-9R	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
TF-1	0.00	NA	NA	NA	0.00	NA	Sheen	Sock deployed S	heen	Sock deployed	Sheen	Sock deployed
TF-2	Globules	Sock deployed	NA	NA	Globules	Sock deployed	Sheen	Sock deployed S	heen	Sock deployed	Sheen	Sock deployed
TF-3	0.00	NA	NA	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
TM-6R	0.00	NA	NA	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
TM-7	Globules	Sock deployed	NA	NA	0.00	NA	Sheen	NA S	heen	NA	Sheen	NA
TR-2R	0.00	NA	NA	NA	0.00	NA	Sheen	Sock deployed S	heen	NA	Sheen	NA
TR-4R	0.00	NA	NA	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
TR-4DD	0.00	NA	0.00	NA	0.00	NA	Sheen	NA S	heen	NA	Sheen	NA
TR-6	0.00	NA	NA	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
TR-6D	0.00	NA	NA	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NA
Interceptor Trench	NM	95 Gallons Removed from PL-5R and Interceptor Trench	NM	NA	NM	157 Gallons Removed from Interceptor Trench	0.5	202 Gallons Removed from Interceptor Trench and PL-5R	1.6	NA	0.8	229 Gallons Removed from Interceptor Trench and PL-5R

Third Quarter	2021						2022					
	July	IRM Actions	August	IRM Actions	September	IRM Actions	July	IRM Actions	August	IRM Actions	September	IRM Actions
FA-3	Sheen/Sheen	Sock deployed/Sock deployed	Sheen/Sheen	Sock deployed/Sock deployed	Sheen/Sheen	Sock deployed/Sock deployed	0.00	Sock deployed	0.00	Sock deployed	0.00	Sock deployed
FA-5	Sheen/Sheen	Sock deployed/Sock deployed	Sheen/Sheen	Sock deployed/Sock deployed	Sheen/Sheen	Sock deployed/Sock deployed	0.20	Sock deployed	0.00	Sock deployed	0.04	Sock deployed
PL-1RR	Sheen/Sheen	Sock deployed/Sock deployed	Sheen/Sheen	Sock deployed/Sock deployed	Sheen/Sheen	Sock deployed/Sock deployed	0.01	Sock deployed	Sheen	Sock deployed	Sheen	Sock deployed
PL-2	0.00/0.00	NA/NA	0.00/0.00	NA/NA	0.00/0.00	NA/NA	0.07	Sock deployed	0.00	Sock deployed	Sheen	Sock deployed
PL-5/PL-5R	0.30/0.02	Sock deployed/Sock deployed	0.19/0.28	Sock deployed/Sock deployed	0.25/0.02	Sock deployed/Sock deployed	1.39	Sock deployed	1.10	Sock deployed	1.62	300 Gallons Removed from Interceptor Trench and PL-5R
PL-8R	0.00/0.00	NA/NA	0.00	0.00/0.00	0.00/NM	NA/NA	0.00	NA	0.00	NA	0.00	NA
PL-9R	0.00/0.00	NA/NA	0.00	0.00/0.00	0.00/0.00	NA/NA	0.00	NA	0.00	NA	0.00	NA
TF-1	Sheen/Sheen	Sock deployed/Sock deployed	Sheen/Sheen	Sock deployed/Sock deployed	Sheen/NM	Sock deployed/NA	0.00	Sock deployed	Sheen	Sock deployed	Sheen	Sock deployed
TF-2	Sheen/Sheen	Sock deployed/Sock deployed	Sheen/Sheen	Sock deployed/Sock deployed	Sheen/NM	Sock deployed/NA	0.01	Sock deployed	0.00	Sock deployed	0.00	Sock deployed
TF-3	0.00/0.00	NA/NA	0.00/0.00	NA/NA	0.00/NM	NA/NA	0.00	NA	0.00	NA	0.00	NA
TM-6R	0.00/0.00	NA/NA	0.00/0.00	NA/NA	0.00/0.00	Sock deployed/NA	0.00	Sock deployed	Sheen	Sock deployed	Sheen	Sock deployed
TM-7	0.00/0.00	NA/NA	0.00/NM	0.00/0.00	Sheen/Globules	NA/NA	0.00	Sock deployed	Sheen	Sock deployed	Sheen	Sock deployed
TR-2R	Sheen/Sheen	NA/Sock deployed	Sheen	NA	0.00/0.00	NA/NA	Sheen	Sock deployed	Sheen	Sock deployed	Sheen	Sock deployed
TR-4R	0.00/0.00	NA/NA	0.00/NM	NA/NA	0.00/0.00	NA/NA	0.00	NA	0.00	NA	0.00	0.00
TR-4DD	0.00/0.00	NA/NA	0.00/NM	NA/NA	Sheen/0.00	NA/NA	0.00	NA	0.00	NA	0.00	0.00
TR-6	0.00/0.00	NA/NA	0.00/NM	NA/NA	0.00/0.00	NA/NA	0.00	NA	0.00	NA	0.00	0.00
TR-6D	0.00/0.00	NA/NA	0.00/NM	NA/NA	0.00/0.00	NA/NA	0	NA	0	NA	0	NA
erceptor Trench	NM	349 Gallons Removed from PL-5R and Interceptor Trench	NM/NM	484 Gallons Removed from Interceptor Trench and PI-5R	NM/NM	NA/NA	Sheen	NA	Sheen	NA	Sheen	300 Gallons Removed from Interceptor Trench and PL-5R



STRAIGHT BILL OF LADING - SHORT FORM	Date 23 - 2022 Pill of Lading No.	2322-14-58
NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."	Date Bill of Lading No	
Shipping Order	Shipper No	TOUR
	of Carrier No	1800
TO: Consignee	Shipper ESS Comes make Bu	ching to All
Street 450 SONTH FLOWER SC	Street 250 CUGE RAI)·
Destination 5 (12 + 13 Zid Code	Origin Soft KEATO Zip Gode)
Route: Route Vehicle No.	SCAC Emergency Res Phone Number	ponse
Shipping +HM Special Marks and Expertions stowing must be so market	special or additional cere or attention in handling or d, and packaged as to ensure sefe transportation with [Subject to Rate or 2(e) of National Motor Freight Classification, Item 360. Correction]*	CHARGES
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*If the shipm power be? east two process by a carrier by weight the equies that to by of lading CLU Posts state where weight a ADD-Hess	C.O.D. C.O.D. FEE	53
Note-Where the rate is dependent on value, shippers are required to Subject to Section	on 7 of the conditions, if this shipment is to be delivered to the consignee without	FREIGHT CHARGES
The agreed or declared value of the property is hereby specifically stated. The carrier shall	consignor, the consignor shall sign the following statement. Il not make delivery of this shipment without payment of freight and all other	Check Appropriate Box:
by the shipper to be not exceeding charges.		☐ Freight prepaid
Sper	(Signature of Consignor)	Collect
RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of and condition of contents of packages unknown), marked, consigned, and destined as indicate or corporation in possession of the property under the contract) agrees to carry to its usual destination. It is mutually agreed as to each carrier of all or any of, said property over all or erty, that every service to be performed hereunder shall be subject to all the terms and contine the terms and conditions of the said bill of lading, set forth in the classification or tariff whice shipper and accepted for himself and his assigns.	ad above which said carrier (the word carrier being understood throughout this or place of delivery at said destination, if on its route, otherwise to deliver to anoth if any portion of said route to destination and as to each party at any time inter- ditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Fra- ra classification or tariff, if this is a motor carrier shipment. Shipper hereby can	contract as meaning any person her carrier on the route to said ested in all or any of said prop- reight Classifications in effect on tifies that he is familiar with all
Mark with "RQ" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.2016[1][1] [iii] of Itide 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in specio of 72.2046[a) of the federal Regulations, as indicated on the Bill clading does apply, unless a specific exception from the regularement is provided in the Regulation for a particular material.	pany interpretation of requirements as described in 49 Code of Federal Regulations 172, Subpart C-Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203: Proper shipping name, hazardous class, UN identification number, packing group. Uni	te: Liability limitation for loss damage in this shipment y be applicable. See 49 ited States Code, Sections 706(c [1](A) and (B).
SHIPPER /	CARRIER	
PER 1/4055 (UIP	PER	
This is to certify that the above named matefinals are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.		fies emergency response informa- n emergency response guidebook n good order, except as noted.